

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075764.D
 Acq On : 14 Dec 2022 11:20
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 14 11:52:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 11:45:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	275950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	439786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	395688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	27618	9.433	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.860%#		
35) Dibromofluoromethane	8.171	113	24821	9.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.500%#		
50) Toluene-d8	10.565	98	93250	9.254	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.500%#		
62) 4-Bromofluorobenzene	12.847	95	28927	8.396	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	16.800%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	18359	9.046	ug/l	100
3) Chloromethane	2.371	50	23444	9.695	ug/l	97
4) Vinyl Chloride	2.530	62	26890	9.053	ug/l	98
5) Bromomethane	2.965	94	23094	9.129	ug/l	96
6) Chloroethane	3.130	64	21325	9.622	ug/l	96
7) Trichlorofluoromethane	3.512	101	43520	10.098	ug/l	91
8) Diethyl Ether	3.977	74	15539	9.863	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	24164	9.554	ug/l	95
10) Methyl Iodide	4.601	142	38078	9.213	ug/l	98
11) Tert butyl alcohol	5.536	59	19969	46.102	ug/l #	89
12) 1,1-Dichloroethene	4.353	96	23200	9.814	ug/l	84
13) Acrolein	4.189	56	22837	45.778	ug/l	96
14) Allyl chloride	5.042	41	27030	9.182	ug/l	99
15) Acrylonitrile	5.736	53	55251	49.383	ug/l	99
16) Acetone	4.448	43	51699	52.140	ug/l	97
17) Carbon Disulfide	4.724	76	54774	8.756	ug/l	99
18) Methyl Acetate	5.042	43	29443	9.241	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	76854	9.665	ug/l	100
20) Methylene Chloride	5.289	84	27391	9.266	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	25359	9.599	ug/l	87
22) Diisopropyl ether	6.683	45	67249	10.040	ug/l	93
23) Vinyl Acetate	6.618	43	221661	43.398	ug/l	99
24) 1,1-Dichloroethane	6.577	63	44598	10.115	ug/l	94
25) 2-Butanone	7.494	43	71370	49.238	ug/l	98
26) 2,2-Dichloropropane	7.500	77	37144	9.878	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	31407	9.793	ug/l	97
28) Bromochloromethane	7.824	49	19688	11.168	ug/l	99
29) Tetrahydrofuran	7.853	42	43183	48.334	ug/l	99
30) Chloroform	7.971	83	50618	10.365	ug/l	96
31) Cyclohexane	8.265	56	42862	9.887	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	43689	9.697	ug/l	94
36) 1,1-Dichloropropene	8.377	75	35490	9.961	ug/l	98
37) Ethyl Acetate	7.565	43	29463	10.300	ug/l	96
38) Carbon Tetrachloride	8.371	117	40085	9.750	ug/l	91
39) Methylcyclohexane	9.606	83	42593	9.428	ug/l	94
40) Benzene	8.612	78	110191	10.078	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	13657	9.311	ug/l	95
42) 1,2-Dichloroethane	8.677	62	37681	10.302	ug/l	99
43) Isopropyl Acetate	8.688	43	46507	9.738	ug/l	99
44) Trichloroethene	9.353	130	30069	9.748	ug/l	94
45) 1,2-Dichloropropane	9.624	63	26294	10.111	ug/l	91
46) Dibromomethane	9.712	93	18983	9.723	ug/l	96
47) Bromodichloromethane	9.888	83	38550	10.070	ug/l	95
48) Methyl methacrylate	9.683	41	21435	9.745	ug/l	99
49) 1,4-Dioxane	9.700	88	10671	199.585	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	143443	48.712	ug/l	100
52) Toluene	10.630	92	70615	9.771	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	36739	9.717	ug/l	91
54) cis-1,3-Dichloropropene	10.312	75	40293	9.579	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	28150	9.906	ug/l	96
56) Ethyl methacrylate	10.877	69	36228	9.409	ug/l	96
57) 1,3-Dichloropropane	11.165	76	46582	10.142	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	51593	45.382	ug/l	98
59) 2-Hexanone	11.194	43	104318	48.760	ug/l	99
60) Dibromochloromethane	11.359	129	29668	9.488	ug/l	97
61) 1,2-Dibromoethane	11.471	107	28485	9.568	ug/l	99
64) Tetrachloroethene	11.106	164	27476	9.533	ug/l	93
65) Chlorobenzene	11.894	112	78517	9.644	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	29740	10.040	ug/l	99
67) Ethyl Benzene	11.965	91	132808	9.643	ug/l	98
68) m/p-Xylenes	12.071	106	106925	19.214	ug/l	98
69) o-Xylene	12.400	106	52834	9.784	ug/l	100
70) Styrene	12.412	104	81359	9.393	ug/l	99
71) Bromoform	12.576	173	21378	9.522	ug/l #	94
73) Isopropylbenzene	12.694	105	134450	10.251	ug/l	99
74) N-amyl acetate	12.494	43	37879	9.940	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	41467	10.525	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	36924m	10.065	ug/l	
77) Bromobenzene	12.982	156	32626	9.891	ug/l	99
78) n-propylbenzene	13.035	91	143970	9.892	ug/l	100
79) 2-Chlorotoluene	13.124	91	91306	10.162	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	111109	10.133	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	9184	9.370	ug/l	91
82) 4-Chlorotoluene	13.124	91	91306	10.162	ug/l	98
83) tert-Butylbenzene	13.441	119	98912	9.947	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	112126	10.174	ug/l	99
85) sec-Butylbenzene	13.618	105	132015	9.657	ug/l	99
86) p-Isopropyltoluene	13.735	119	109963	9.613	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	60751	9.849	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	59876	9.543	ug/l	97
89) n-Butylbenzene	14.059	91	82995	9.053	ug/l	99
90) Hexachloroethane	14.335	117	18603	9.495	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	60978	9.934	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	6767	10.452	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	26977	9.154	ug/l	98
94) Hexachlorobutadiene	15.500	225	15339	9.174	ug/l	96
95) Naphthalene	15.641	128	72737	8.351	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	26154	9.032	ug/l	99

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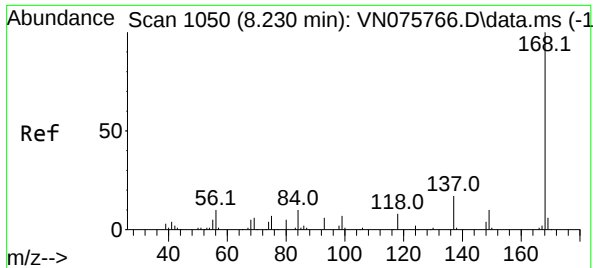
Manual Integrations
APPROVED

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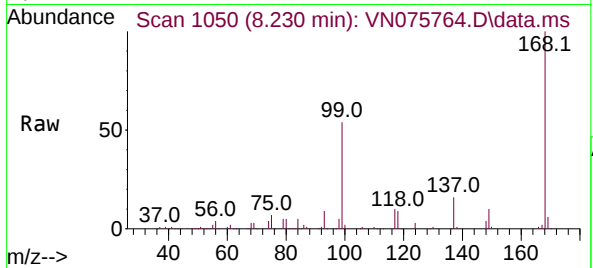
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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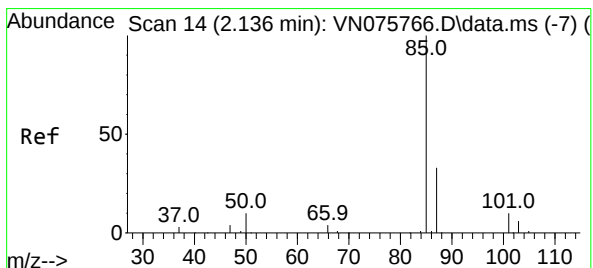
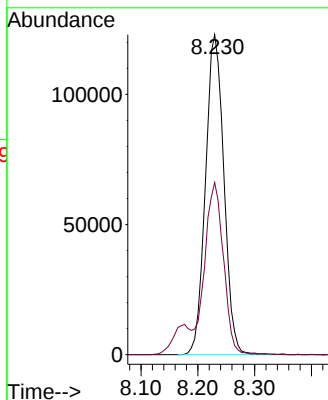
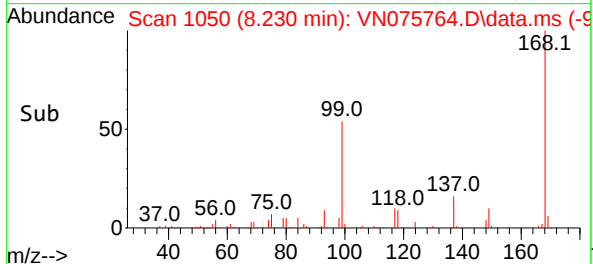
Instrument :
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Tgt Ion:168 Resp: 275950
Ion Ratio Lower Upper
168 100
99 53.7 41.2 61.8

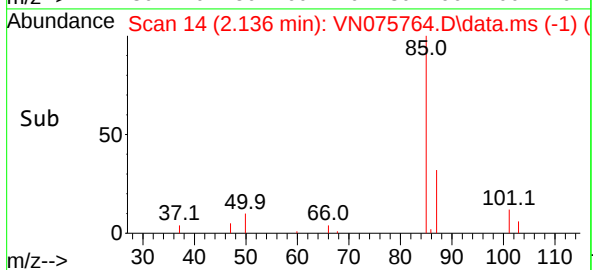
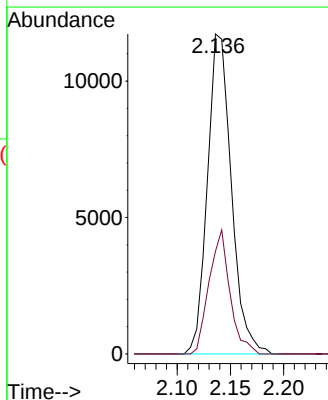
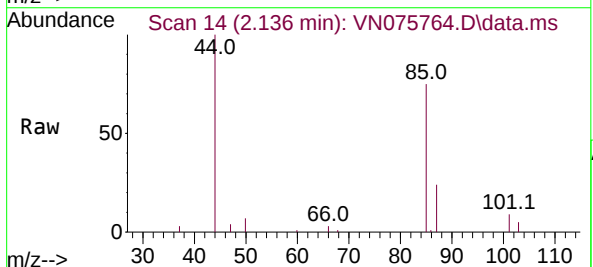
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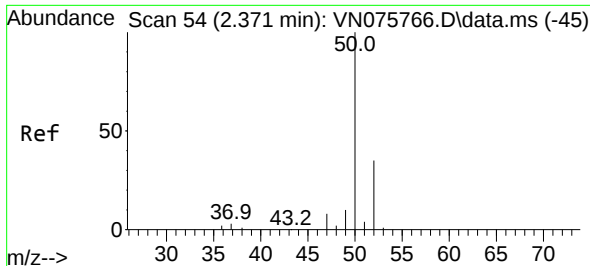
Reviewed By :John Carlone 12/15/2022
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#2
Dichlorodifluoromethane
Concen: 9.046 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion: 85 Resp: 18359
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2





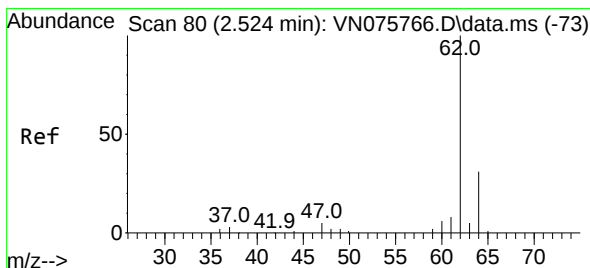
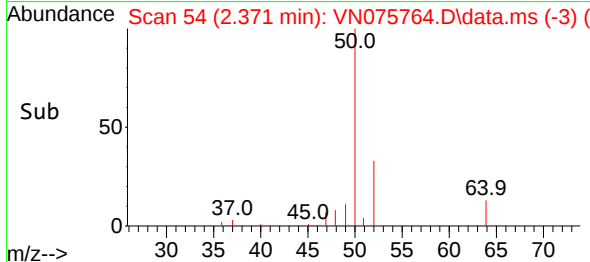
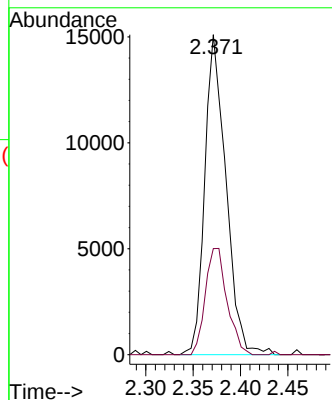
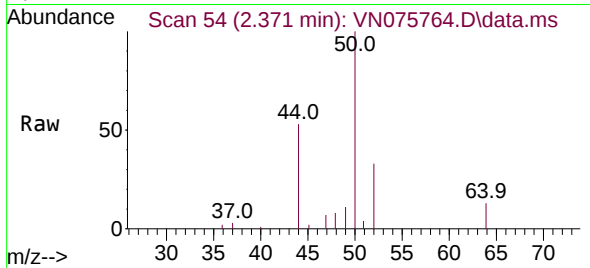
#3
Chloromethane
Concen: 9.695 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

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Tgt Ion: 50 Resp: 2344
Ion Ratio Lower Upper
50 100
52 33.1 27.9 41.9

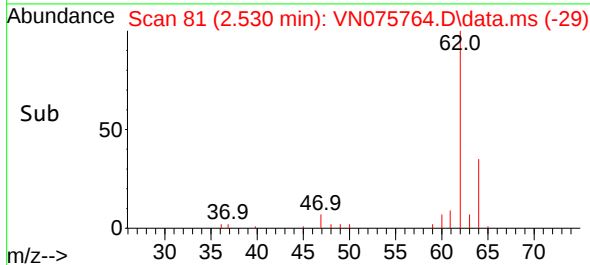
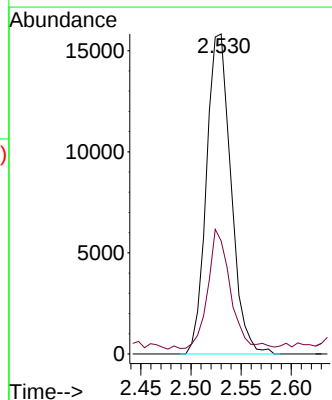
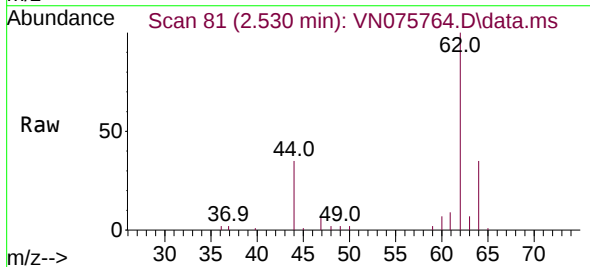
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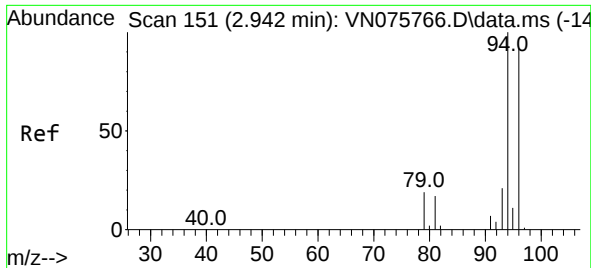
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#4
Vinyl Chloride
Concen: 9.053 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion: 62 Resp: 26890
Ion Ratio Lower Upper
62 100
64 33.6 25.9 38.9





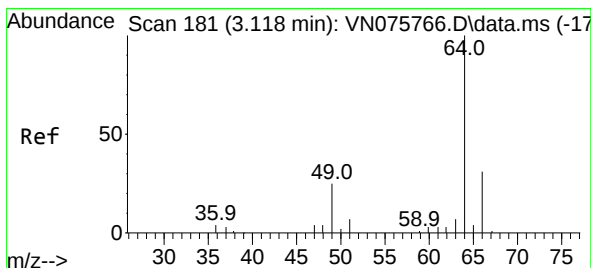
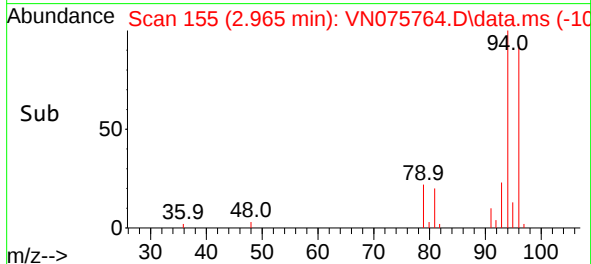
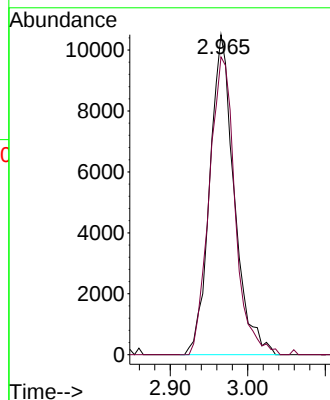
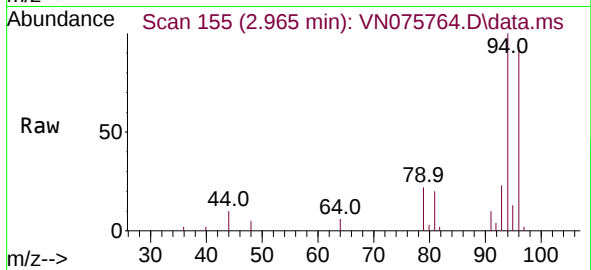
#5
Bromomethane
Concen: 9.129 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
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Tgt Ion: 94 Resp: 23094
Ion Ratio Lower Upper
94 100
96 93.1 77.6 116.4

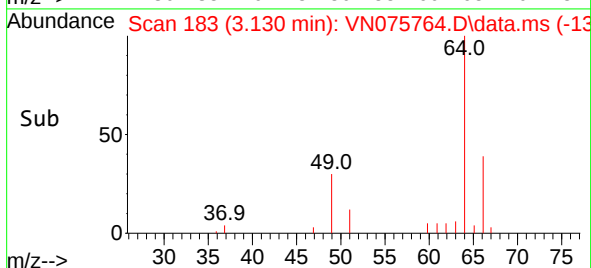
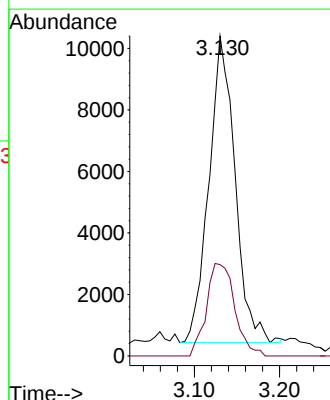
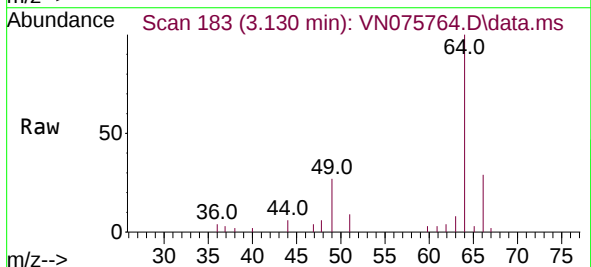
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#6
Chloroethane
Concen: 9.622 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion: 64 Resp: 21325
Ion Ratio Lower Upper
64 100
66 29.8 25.7 38.5





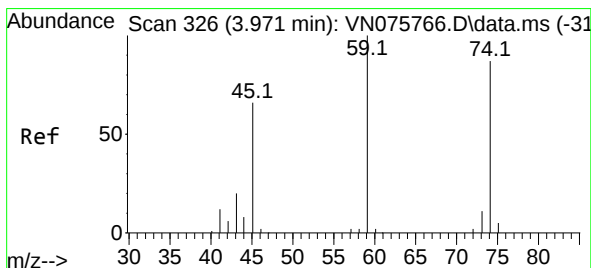
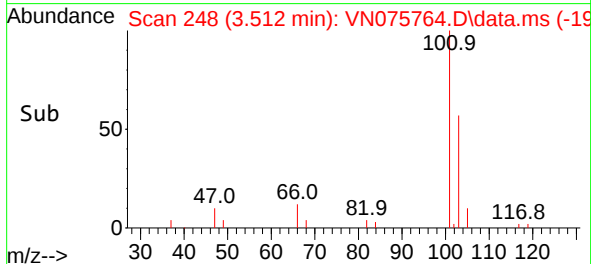
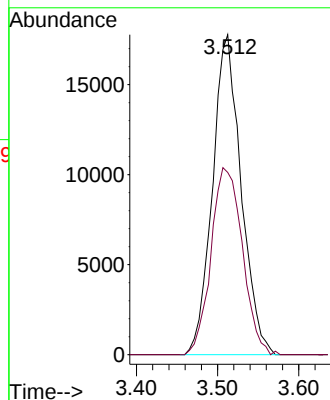
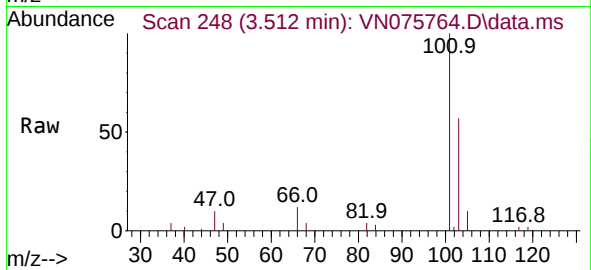
#7
Trichlorofluoromethane
Concen: 10.098 ug/l
RT: 3.512 min Scan# 246
Delta R.T. 0.012 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 43520
Ion Ratio Lower Upper
101 100
103 57.0 51.4 77.2

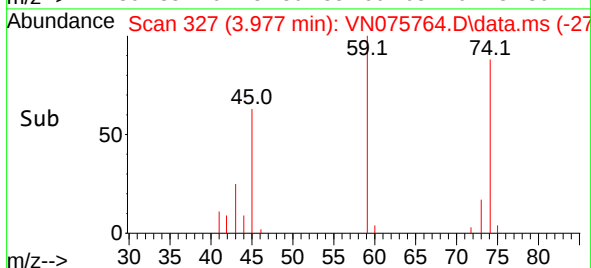
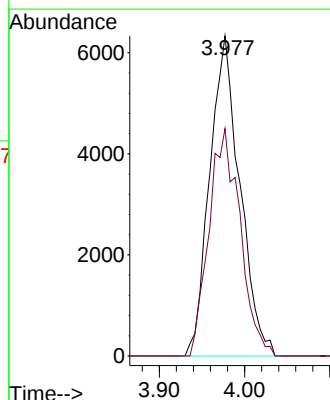
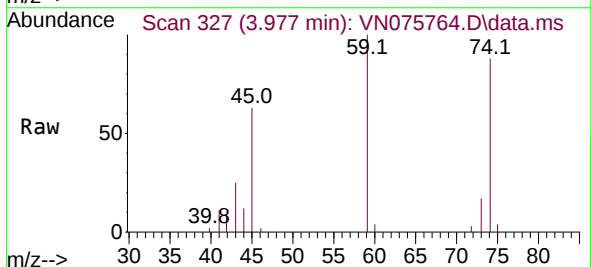
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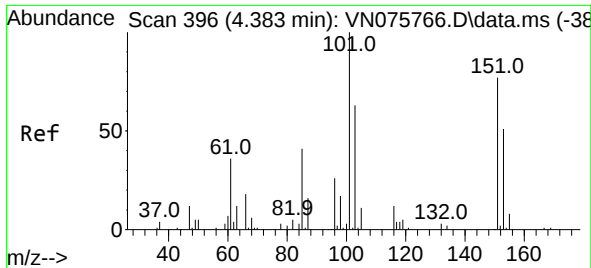
Reviewed By :John Carlone 12/15/2022
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#8
Diethyl Ether
Concen: 9.863 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion: 74 Resp: 15539
Ion Ratio Lower Upper
74 100
45 73.4 36.8 110.4





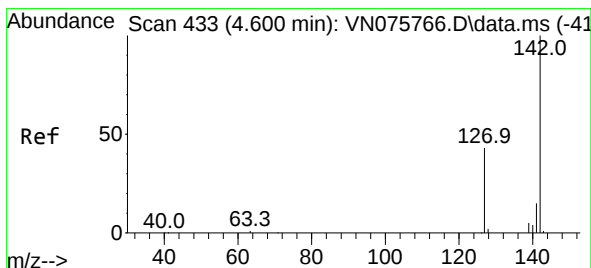
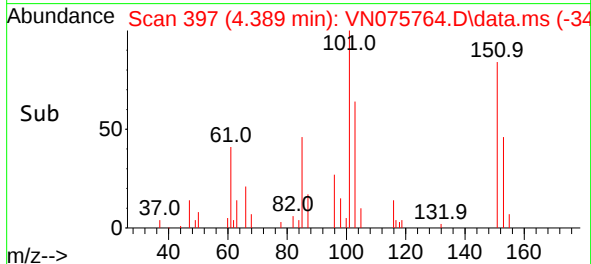
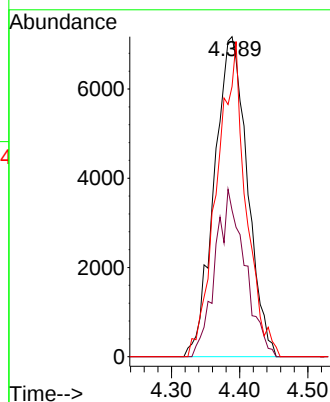
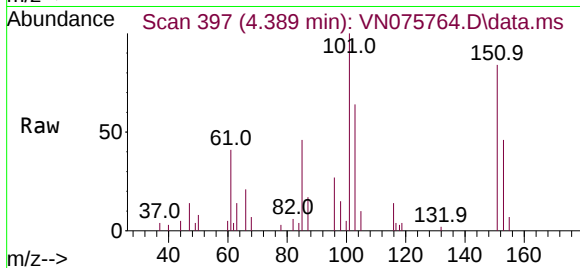
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.554 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075764.D
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Tgt Ion:101 Resp: 2416
Ion Ratio Lower Upper
101 100
85 46.9 35.3 52.9
151 86.5 65.6 98.4

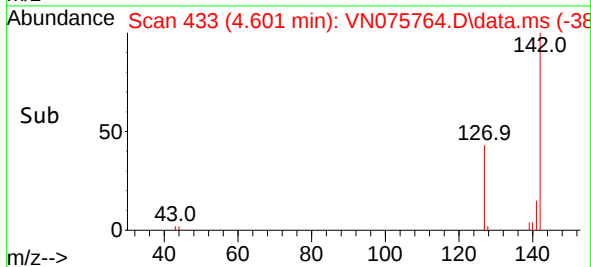
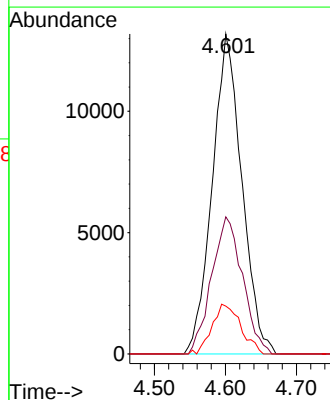
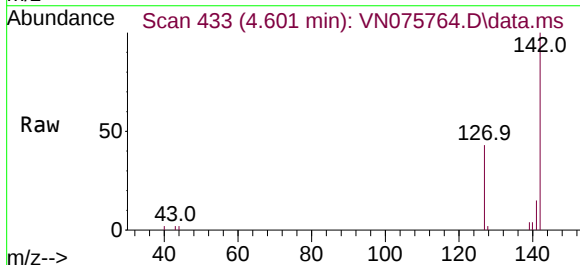
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 9.213 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

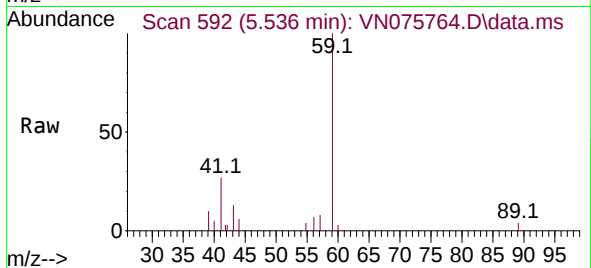
Tgt Ion:142 Resp: 38078
Ion Ratio Lower Upper
142 100
127 44.8 35.0 52.4
141 15.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 46.102 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

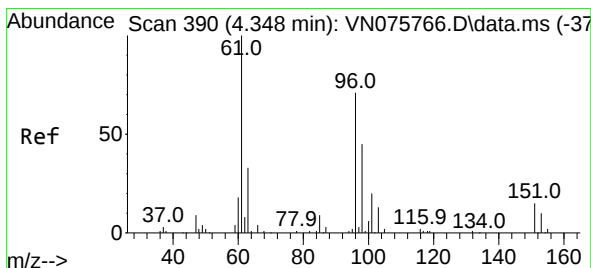
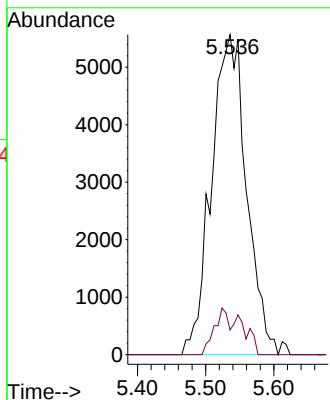
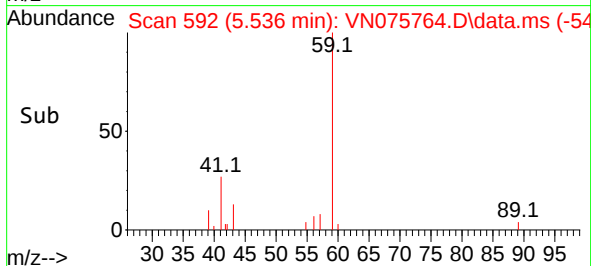
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



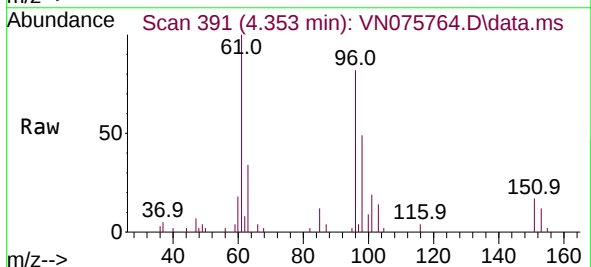
Tgt Ion: 59 Resp: 1996
Ion Ratio Lower Upper
59 100
57 6.0 8.2 12.4

Manual Integrations
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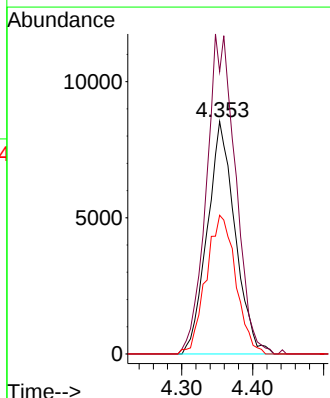
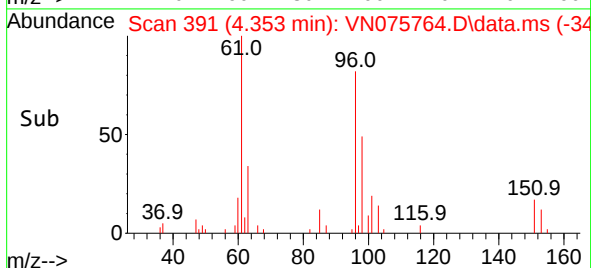
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

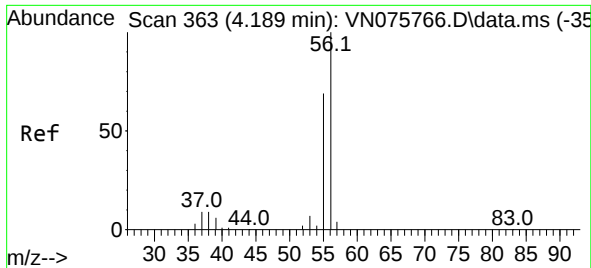


#12
1,1-Dichloroethene
Concen: 9.814 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20



Tgt Ion: 96 Resp: 23200
Ion Ratio Lower Upper
96 100
61 121.5 116.8 175.2
98 59.7 51.6 77.4





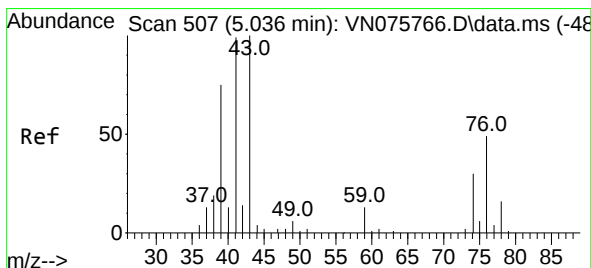
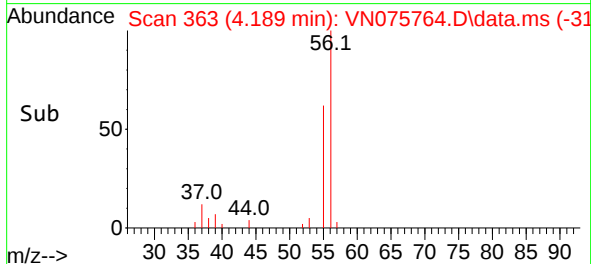
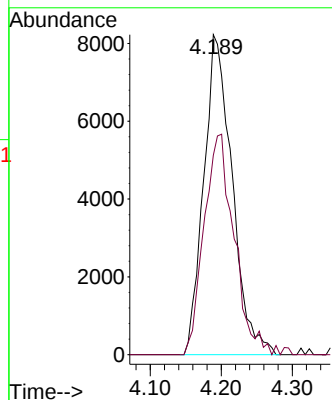
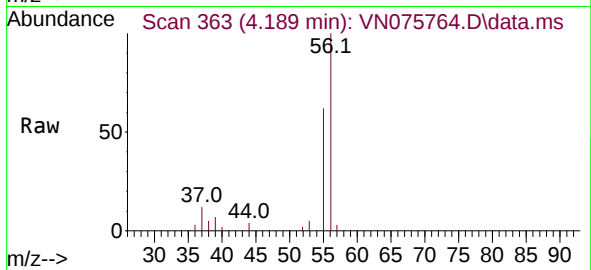
#13
Acrolein
Concen: 45.778 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 2283
Ion Ratio Lower Upper
56 100
55 72.7 55.7 83.5

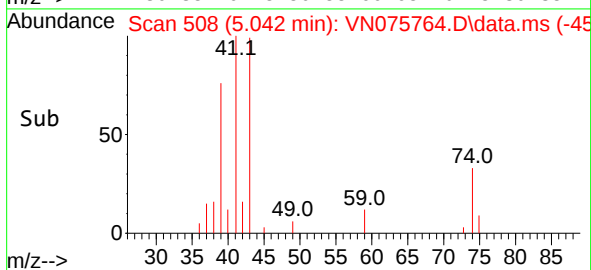
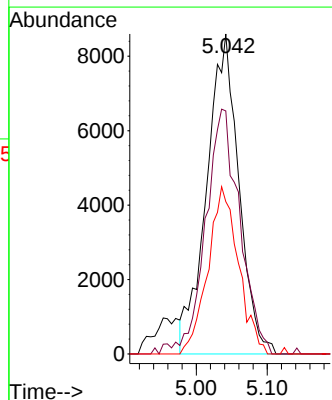
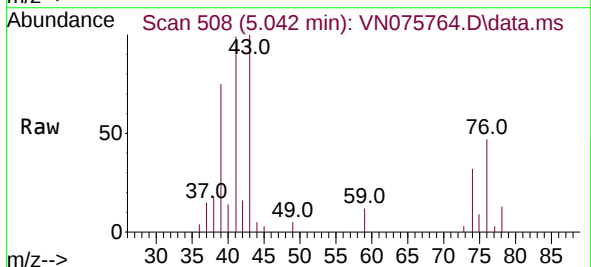
Manual Integrations
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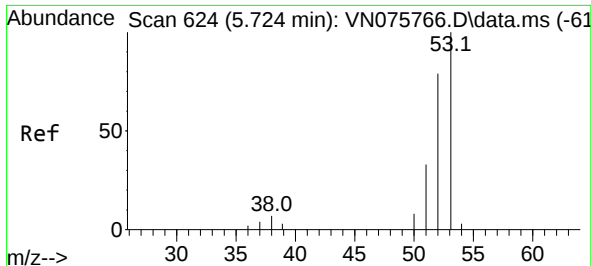
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#14
Allyl chloride
Concen: 9.182 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

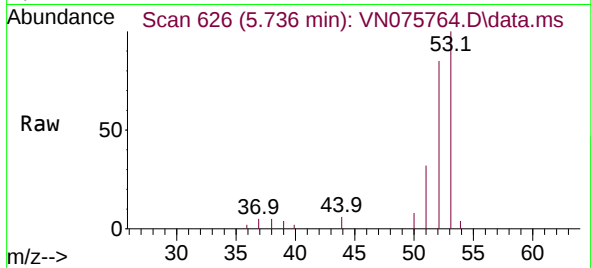
Tgt Ion: 41 Resp: 27030
Ion Ratio Lower Upper
41 100
39 80.6 64.6 96.8
76 49.6 40.9 61.3





#15
Acrylonitrile
Concen: 49.383 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

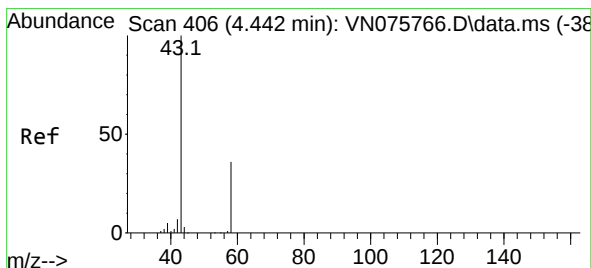
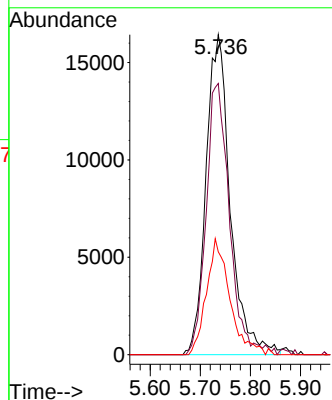
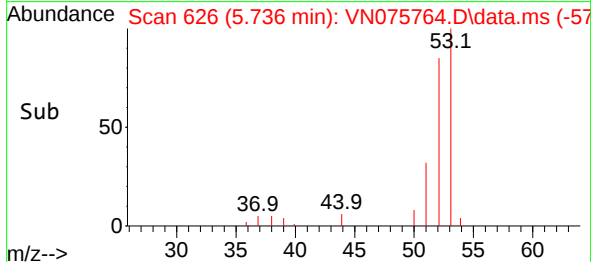
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 5525
Ion Ratio Lower Upper
53 100
52 81.7 65.0 97.4
51 34.8 28.9 43.3

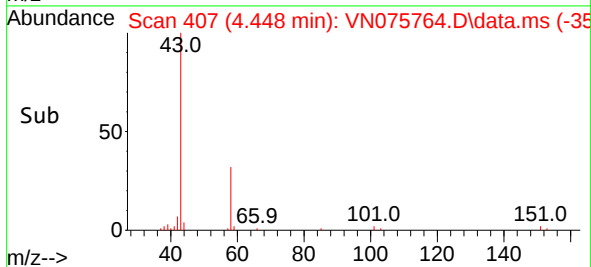
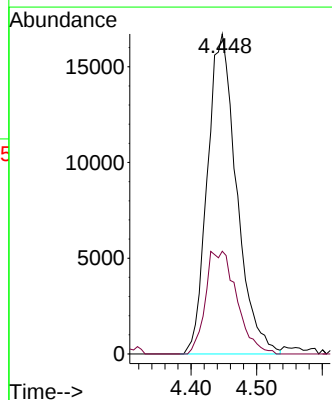
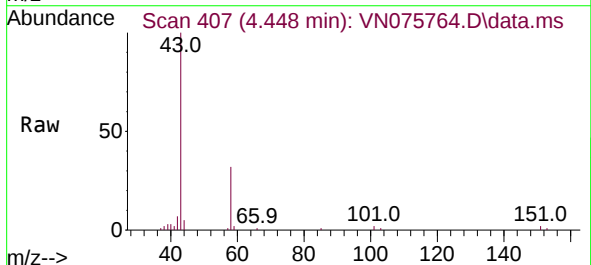
Manual Integrations
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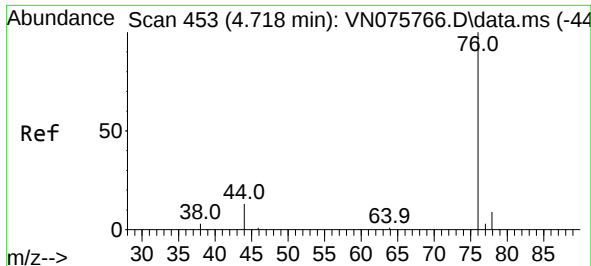
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#16
Acetone
Concen: 52.140 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion: 43 Resp: 51699
Ion Ratio Lower Upper
43 100
58 32.1 27.0 40.4





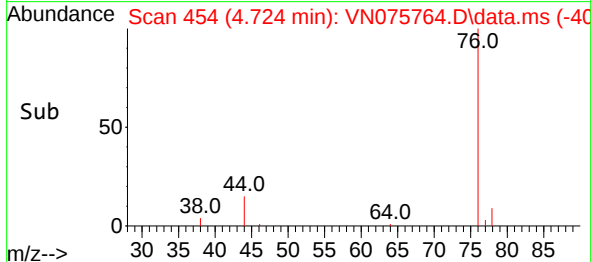
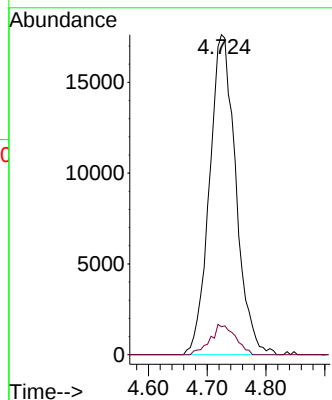
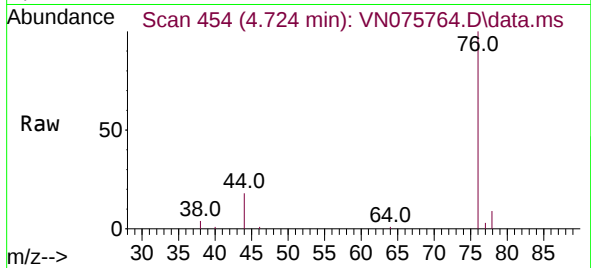
#17
Carbon Disulfide
Concen: 8.756 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 54774
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

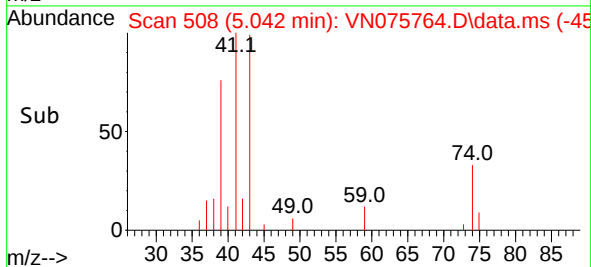
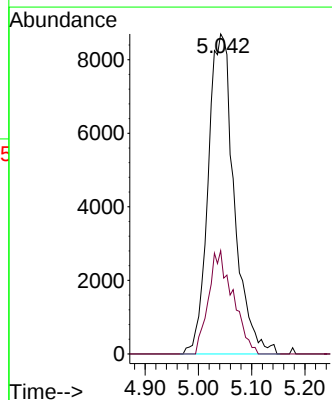
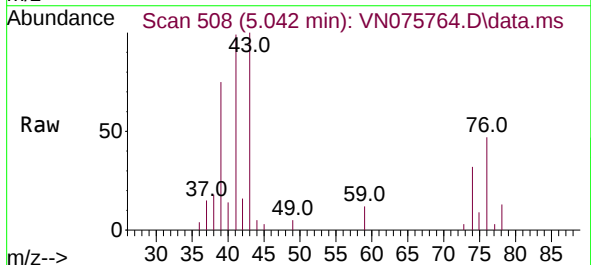
Manual Integrations
APPROVED

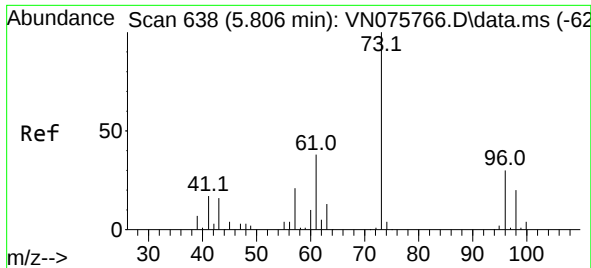
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#18
Methyl Acetate
Concen: 9.241 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion: 43 Resp: 29443
Ion Ratio Lower Upper
43 100
74 30.4 24.5 36.7





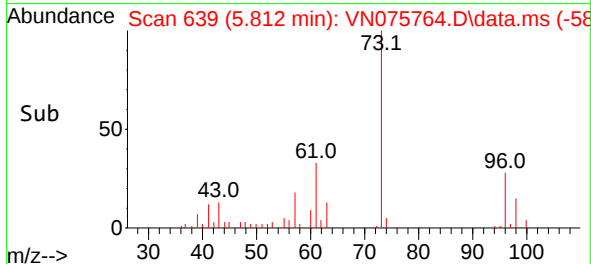
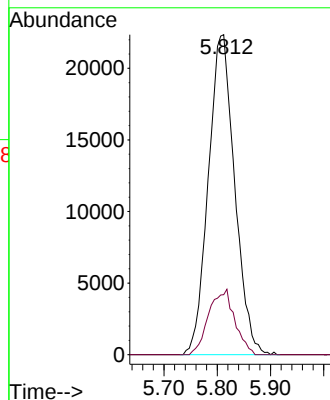
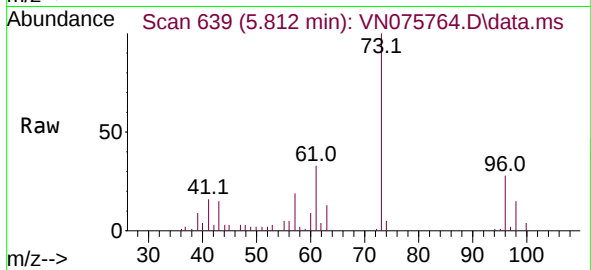
#19
Methyl tert-butyl Ether
Concen: 9.665 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 76854
Ion Ratio Lower Upper
73 100
57 18.8 15.1 22.7

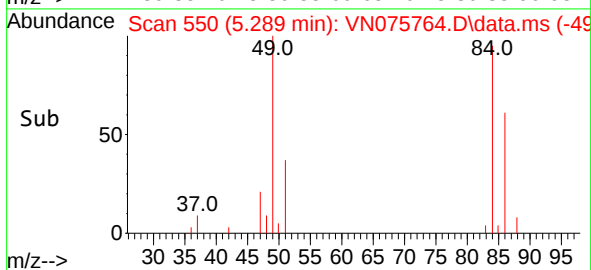
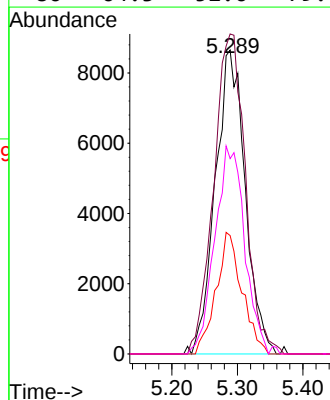
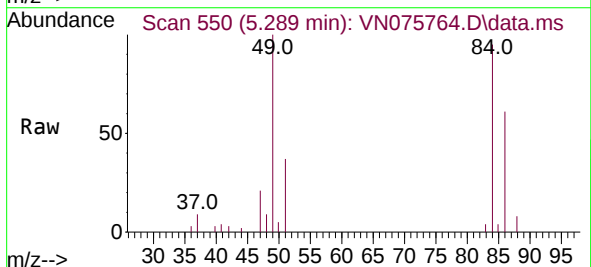
Manual Integrations
APPROVED

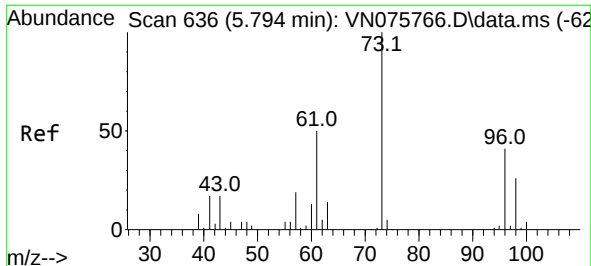
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 9.266 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion: 84 Resp: 27391
Ion Ratio Lower Upper
84 100
49 105.3 83.0 124.4
51 39.0 26.0 39.0
86 64.3 52.6 79.0





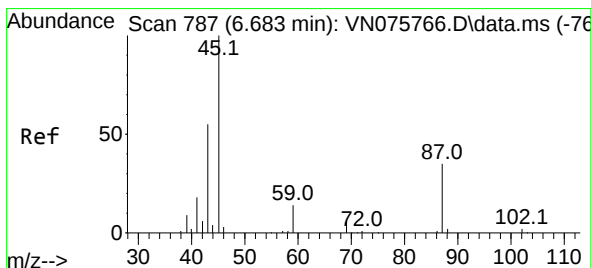
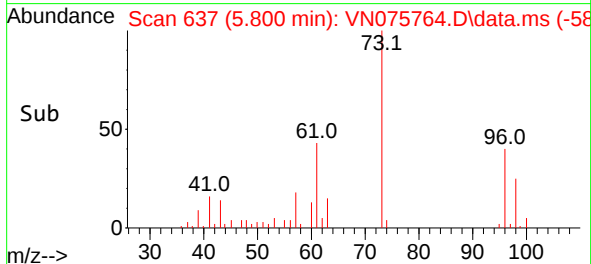
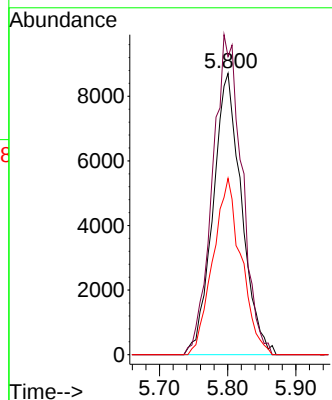
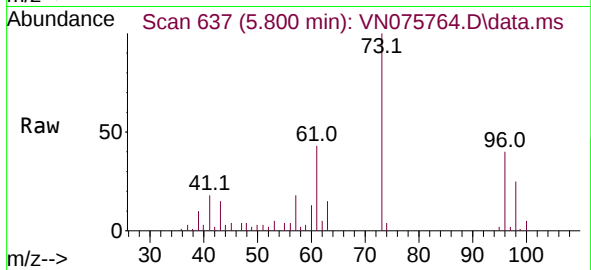
#21
trans-1,2-Dichloroethene
Concen: 9.599 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 2535
Ion Ratio Lower Upper
96 100
61 105.9 100.5 150.7
98 62.7 52.7 79.1

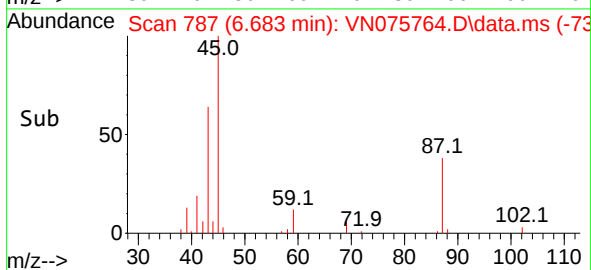
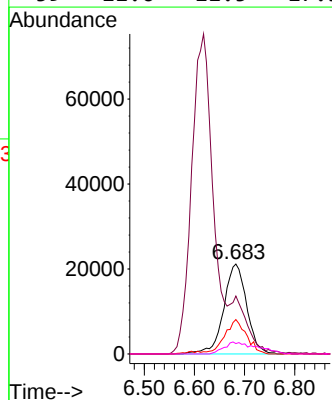
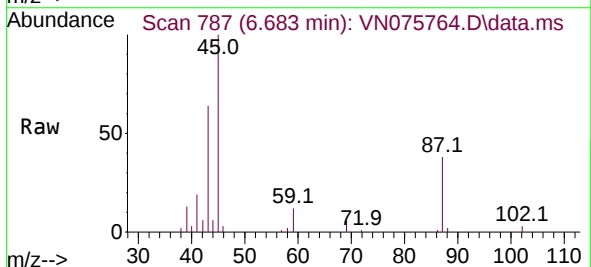
Manual Integrations
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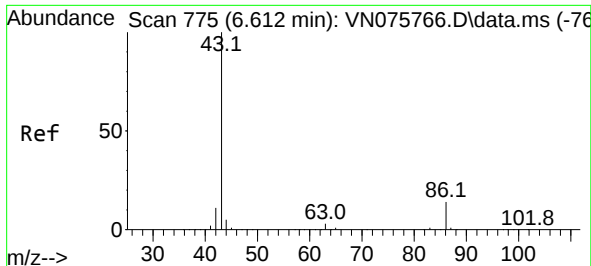
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#22
Diisopropyl ether
Concen: 10.040 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion: 45 Resp: 67249
Ion Ratio Lower Upper
45 100
43 62.5 44.9 67.3
87 38.2 28.8 43.2
59 11.6 11.5 17.3





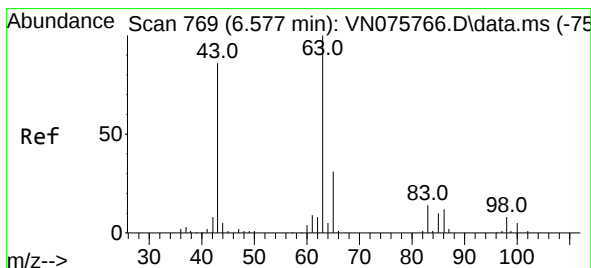
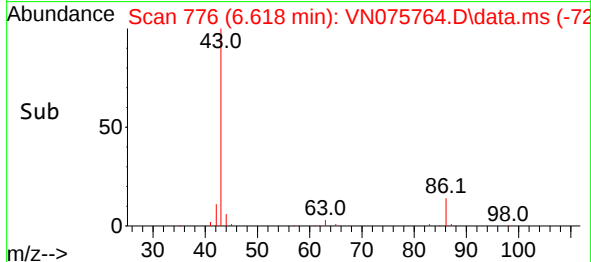
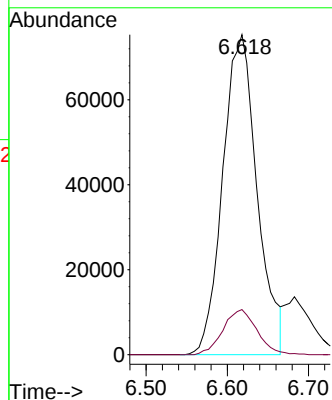
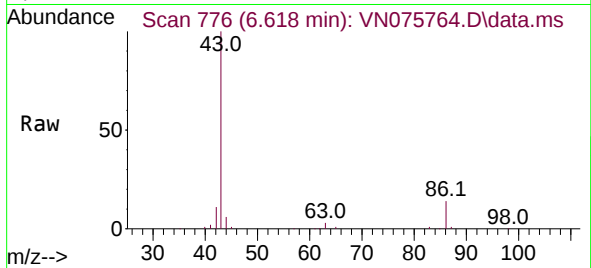
#23
 Vinyl Acetate
 Concen: 43.398 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075764.D
 Acq: 14 Dec 2022 11:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 22166
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.5 17.3

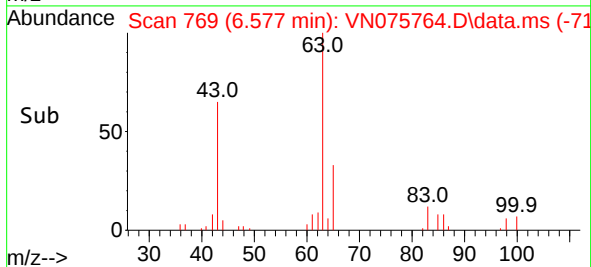
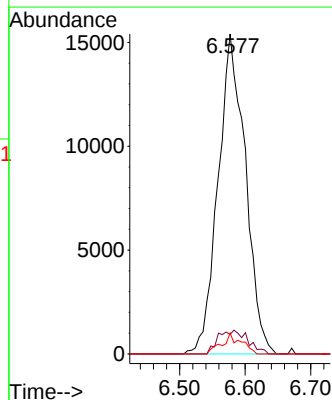
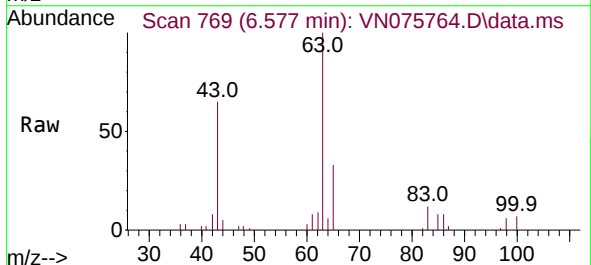
Manual Integrations
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Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#24
 1,1-Dichloroethane
 Concen: 10.115 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075764.D
 Acq: 14 Dec 2022 11:20

Tgt Ion: 63 Resp: 44598
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.3 12.9
 100 6.5 2.6 7.8





#25

2-Butanone

Concen: 49.238 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 71370

Ion Ratio Lower Upper

43 100

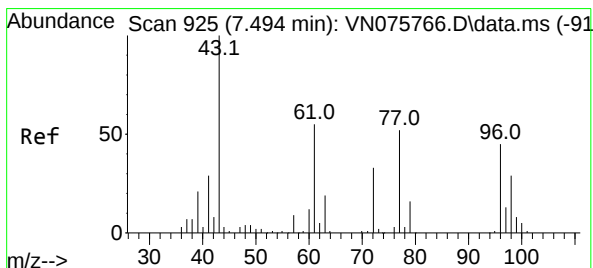
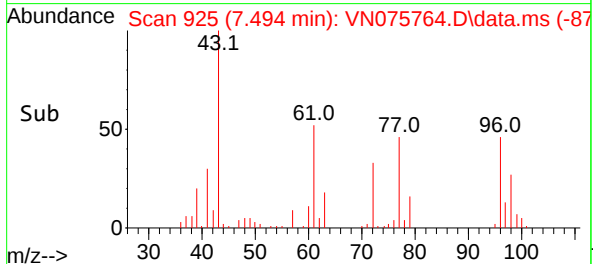
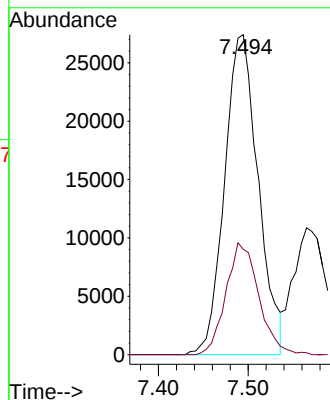
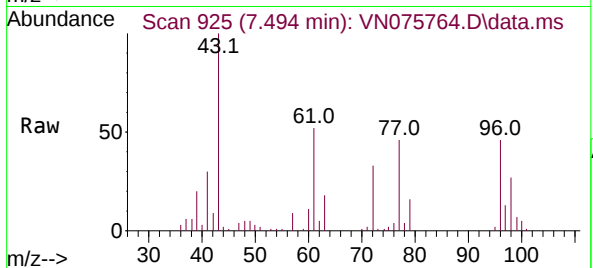
72 33.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#26

2,2-Dichloropropane

Concen: 9.878 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075764.D

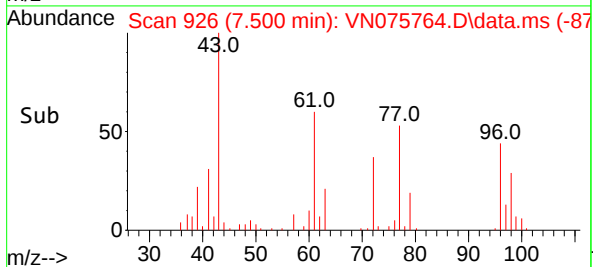
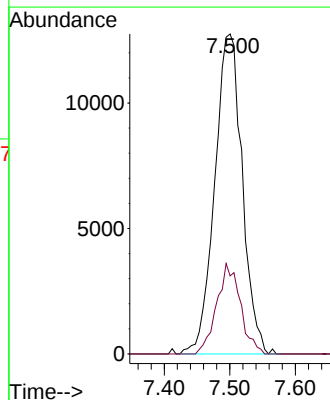
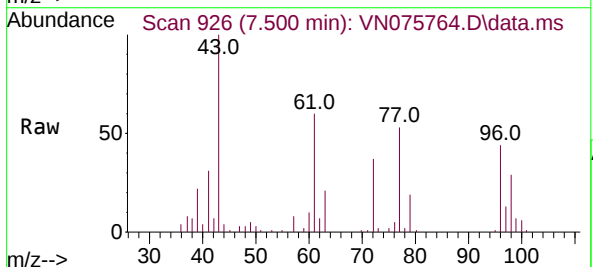
Acq: 14 Dec 2022 11:20

Tgt Ion: 77 Resp: 37144

Ion Ratio Lower Upper

77 100

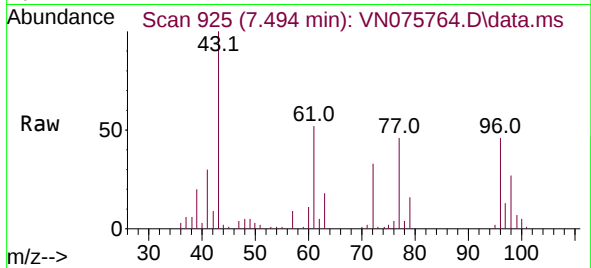
97 24.2 12.2 36.4





#27
 cis-1,2-Dichloroethene
 Concen: 9.793 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075764.D
 Acq: 14 Dec 2022 11:20

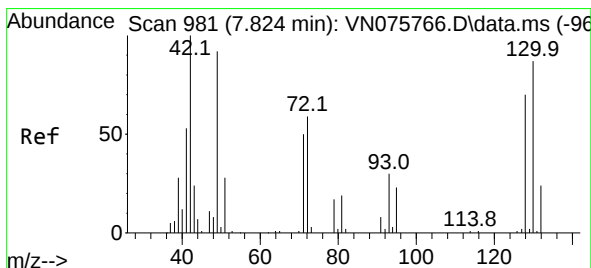
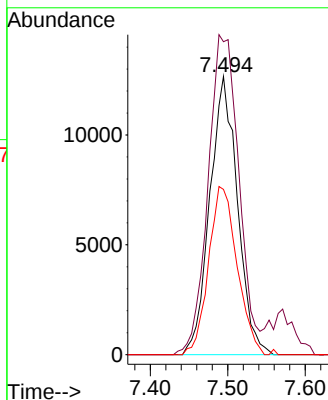
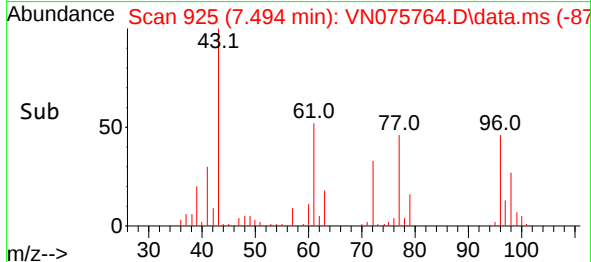
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 3140
 Ion Ratio Lower Upper
 96 100
 61 127.9 0.0 247.8
 98 62.3 0.0 126.0

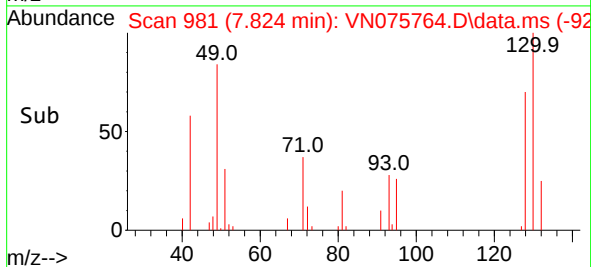
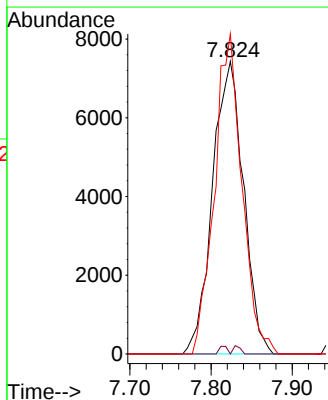
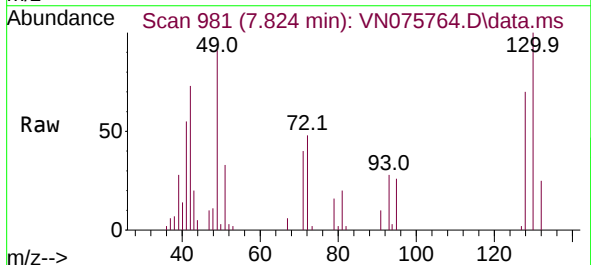
Manual Integrations
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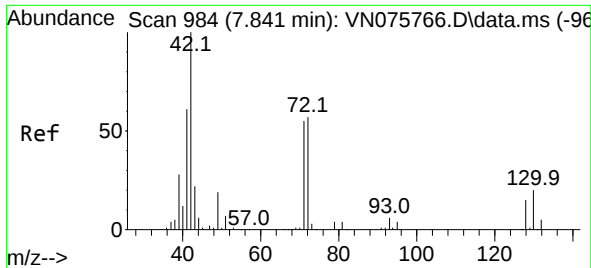
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#28
 Bromochloromethane
 Concen: 11.168 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN075764.D
 Acq: 14 Dec 2022 11:20

Tgt Ion: 49 Resp: 19688
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 5.4
 130 97.1 78.5 117.7





#29

Tetrahydrofuran

Concen: 48.334 ug/l

RT: 7.853 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

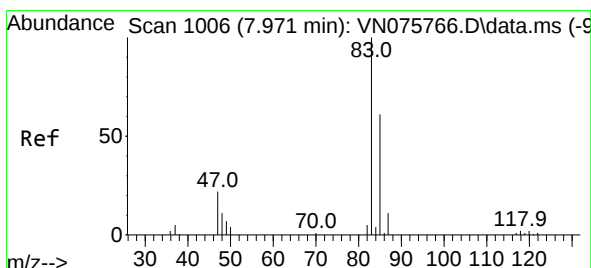
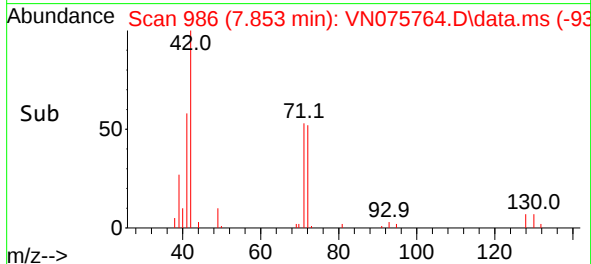
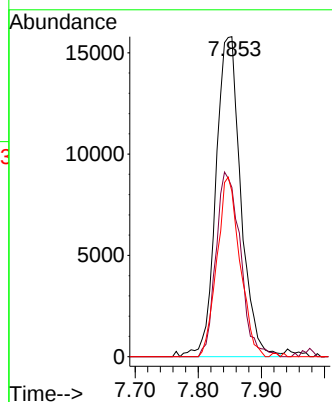
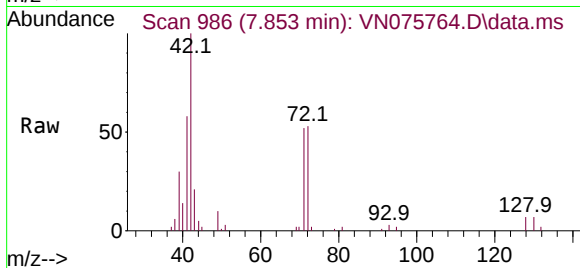
Tgt Ion:	42	Resp:	4318
Ion	Ratio	Lower	Upper
42	100		
72	56.5	44.6	67.0
71	51.7	41.2	61.8

Manual Integrations

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#30

Chloroform

Concen: 10.365 ug/l

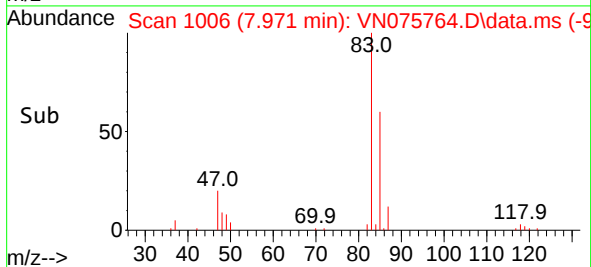
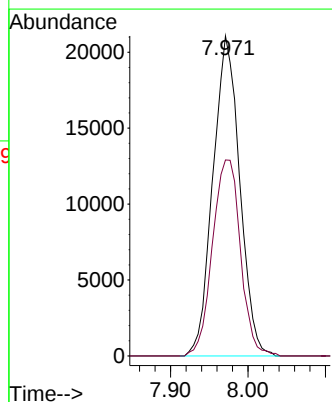
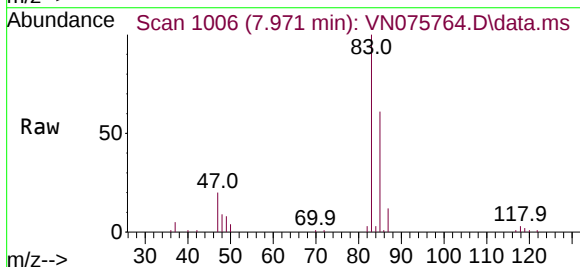
RT: 7.971 min Scan# 1006

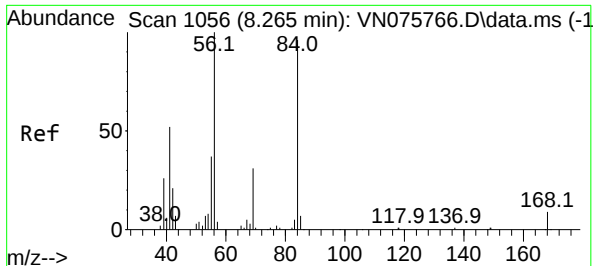
Delta R.T. 0.000 min

Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

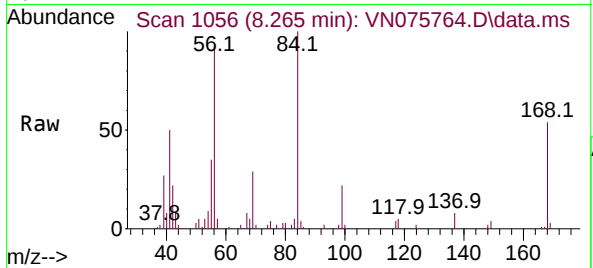
Tgt Ion:	83	Resp:	50618
Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.8	77.6





#31
Cyclohexane
Concen: 9.887 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

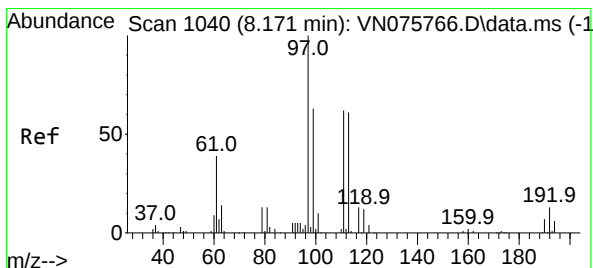
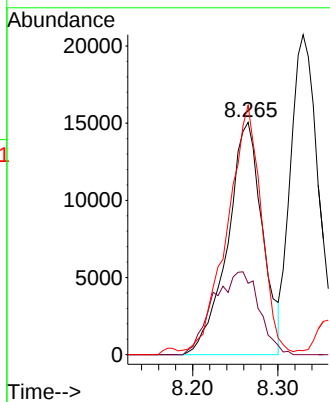
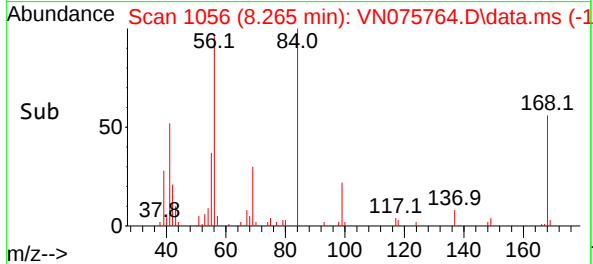
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



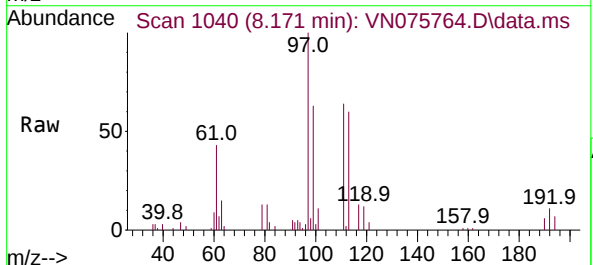
Tgt Ion: 56 Resp: 42862
Ion Ratio Lower Upper
56 100
69 30.7 26.2 39.2
84 105.6 82.8 124.2

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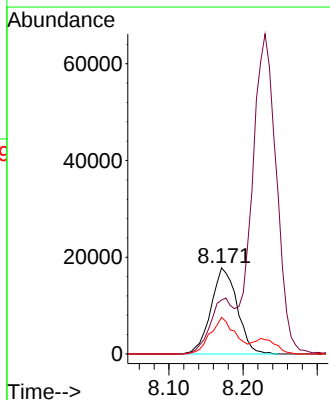
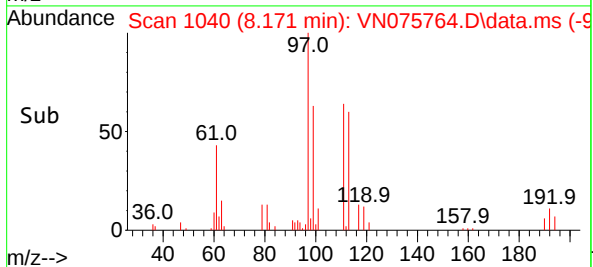
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

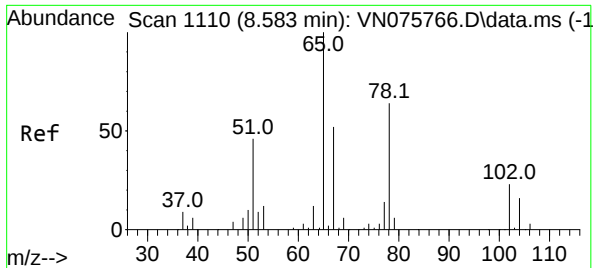


#32
1,1,1-Trichloroethane
Concen: 9.697 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20



Tgt Ion: 97 Resp: 43689
Ion Ratio Lower Upper
97 100
99 57.6 51.2 76.8
61 40.7 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 9.433 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 27618

Ion Ratio Lower Upper

65 100

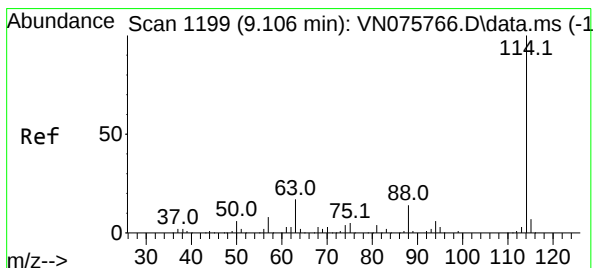
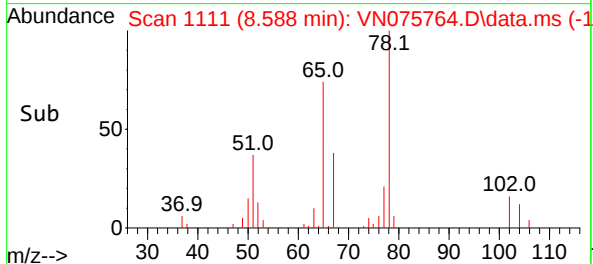
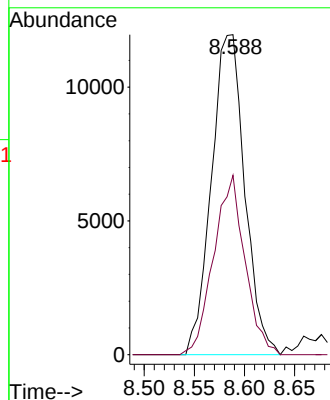
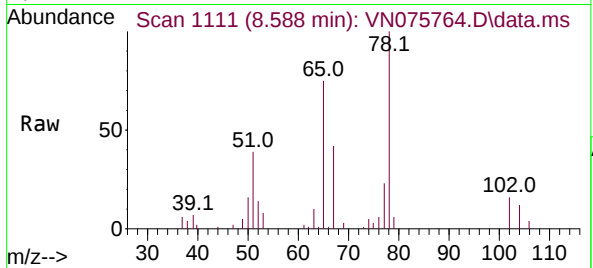
67 52.6 0.0 104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

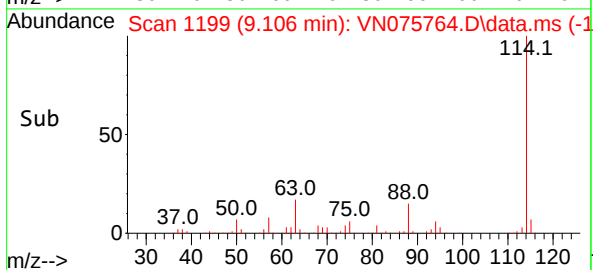
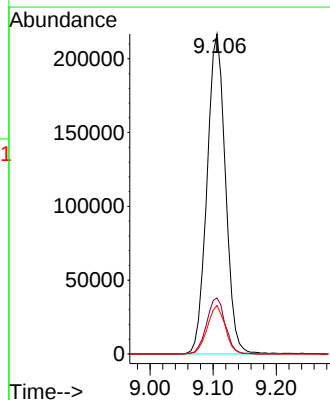
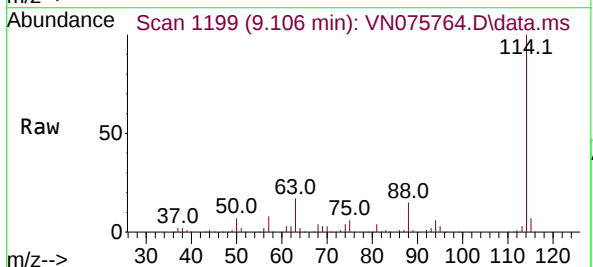
Tgt Ion:114 Resp: 439786

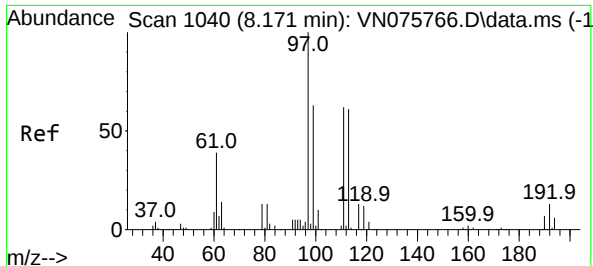
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

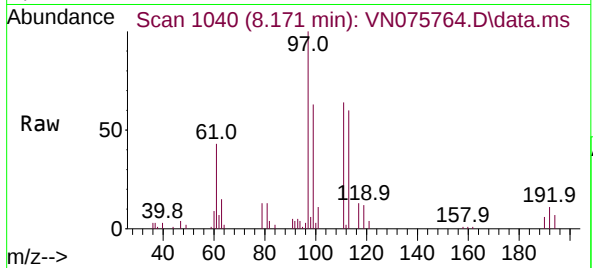
88 15.2 0.0 29.2





#35
Dibromofluoromethane
Concen: 9.251 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

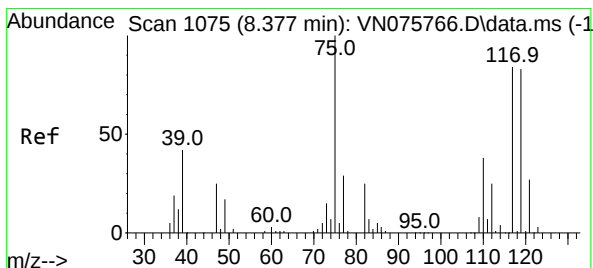
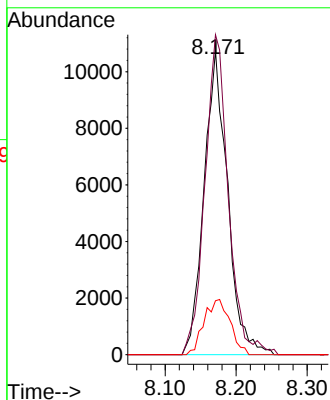
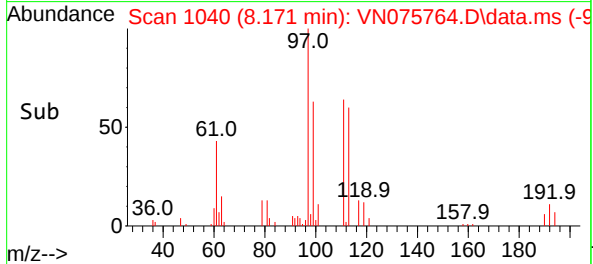
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



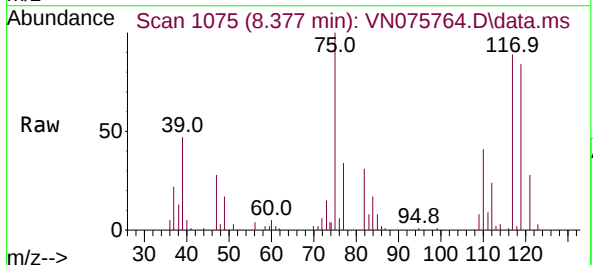
Tgt Ion: 113 Resp: 2482
Ion Ratio Lower Upper
113 100
111 104.4 81.0 121.6
192 20.0 16.2 24.2

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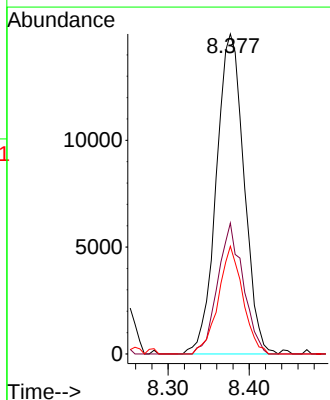
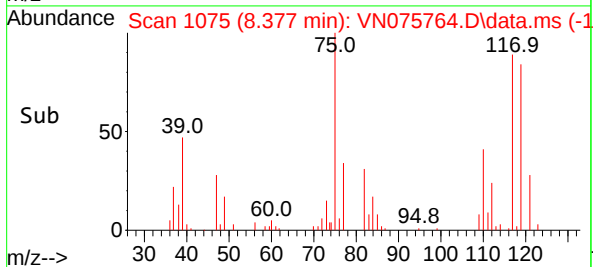
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

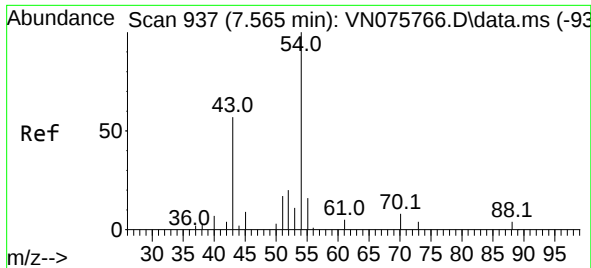


#36
1,1-Dichloropropene
Concen: 9.961 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20



Tgt Ion: 75 Resp: 35490
Ion Ratio Lower Upper
75 100
110 37.5 18.9 56.9
77 29.9 25.4 38.2





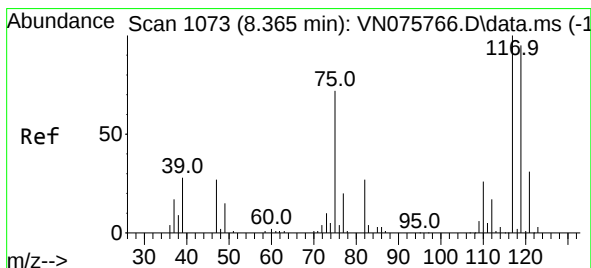
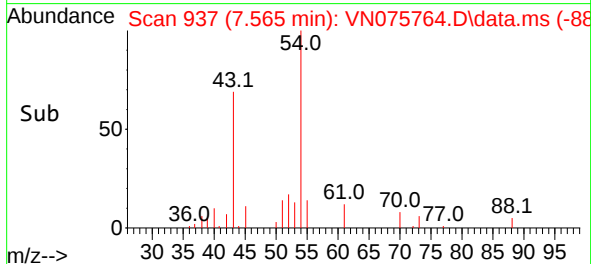
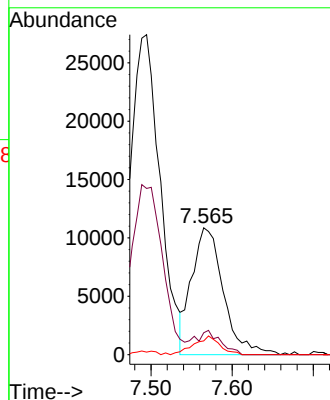
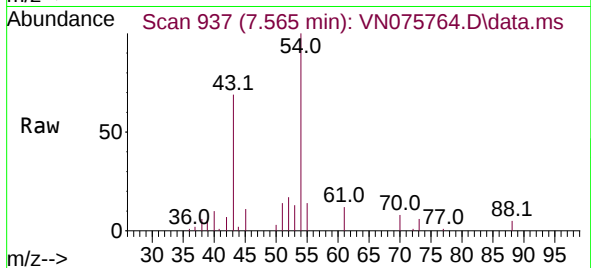
#37
Ethyl Acetate
Concen: 10.300 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 2946
Ion Ratio Lower Upper
43 100
61 14.2 13.3 19.9
70 11.9 9.9 14.9

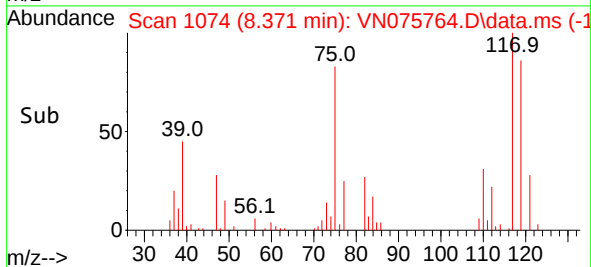
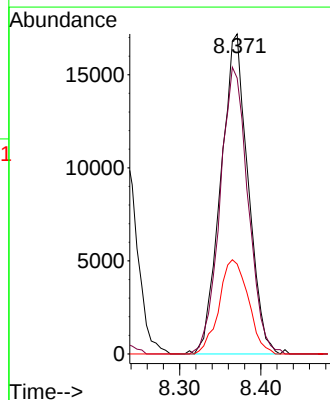
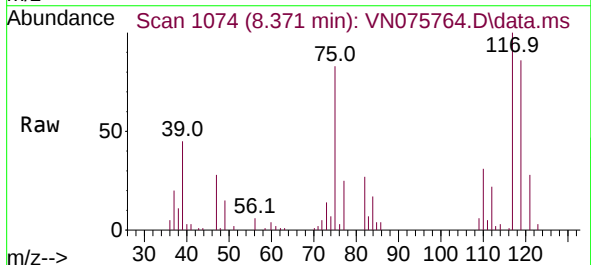
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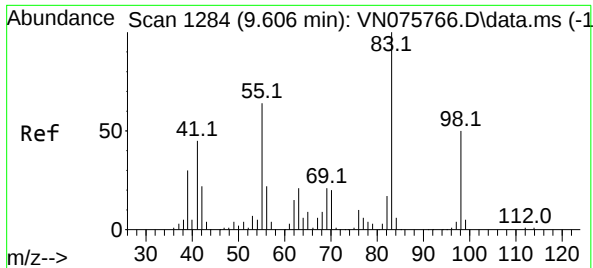
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#38
Carbon Tetrachloride
Concen: 9.750 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion:117 Resp: 40085
Ion Ratio Lower Upper
117 100
119 86.2 77.2 115.8
121 28.1 24.6 37.0





#39

Methylcyclohexane

Concen: 9.428 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 83 Resp: 4259

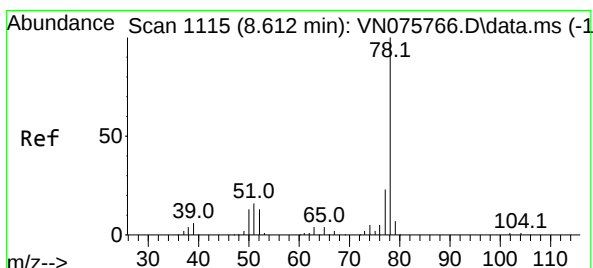
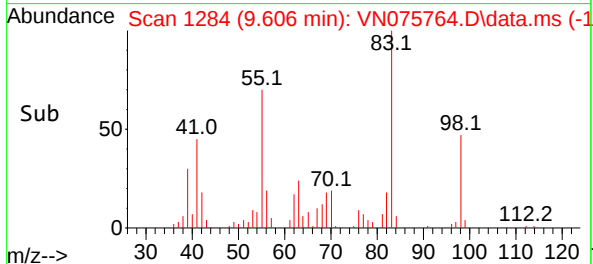
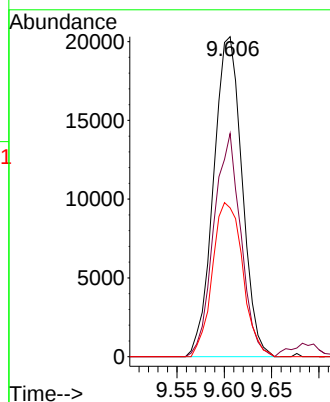
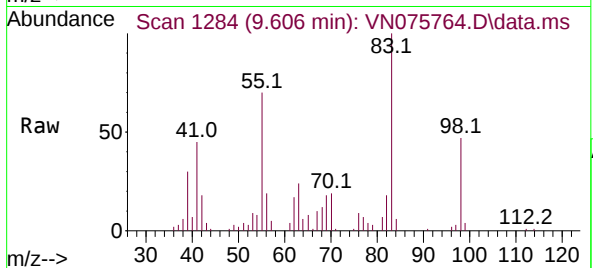
Ion	Ratio	Lower	Upper
83	100		
55	69.8	51.6	77.4
98	46.5	39.8	59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#40

Benzene

Concen: 10.078 ug/l

RT: 8.612 min Scan# 1115

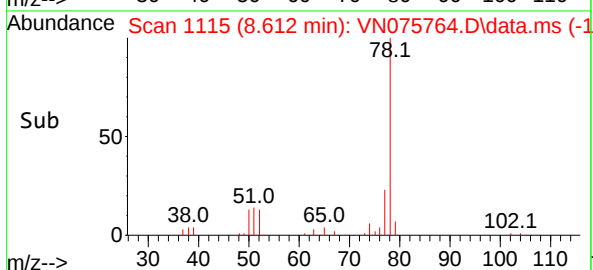
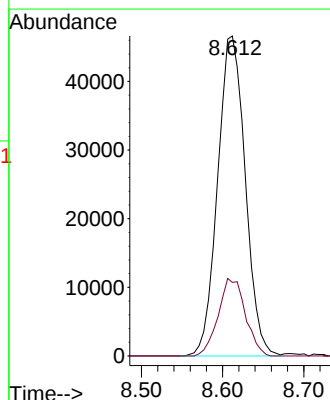
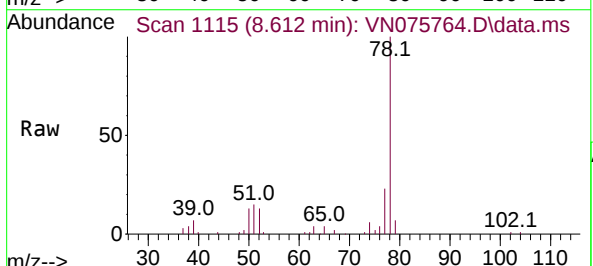
Delta R.T. 0.000 min

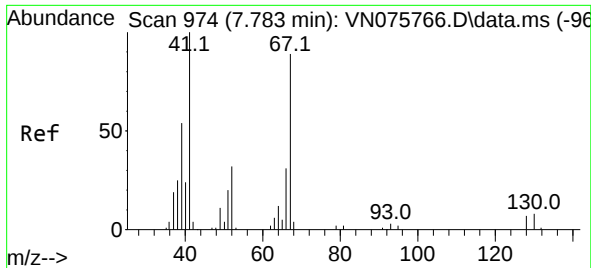
Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

Tgt Ion: 78 Resp: 110191

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.1	28.7





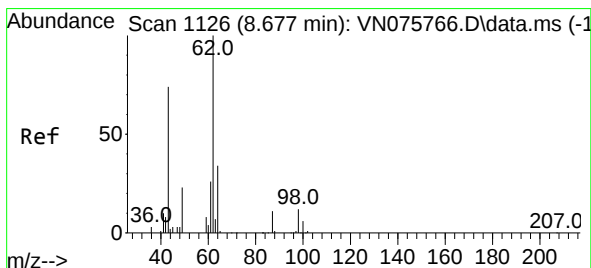
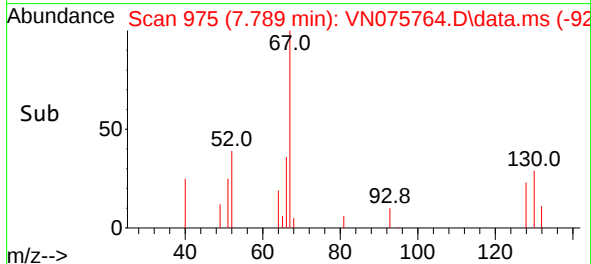
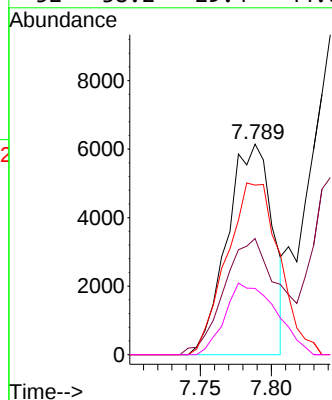
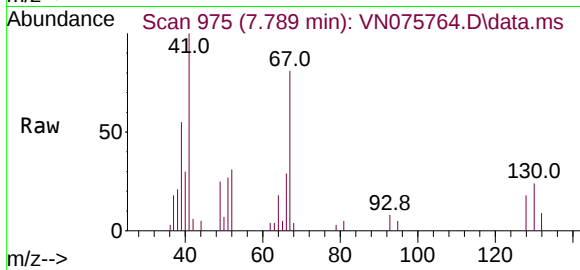
#41
Methacrylonitrile
Concen: 9.311 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 41	Resp: 1365
Ion Ratio	Lower Upper
41	100
39	67.2 46.3 69.5
67	94.6 74.0 111.0
52	38.2 29.4 44.0

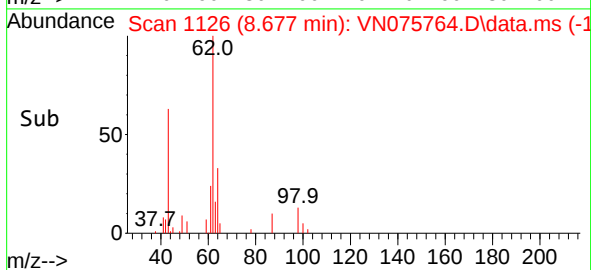
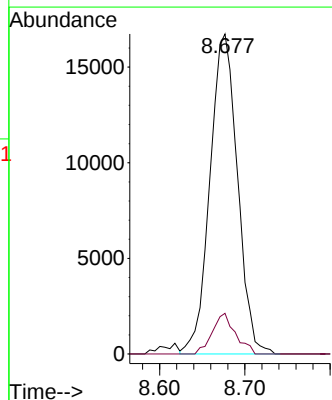
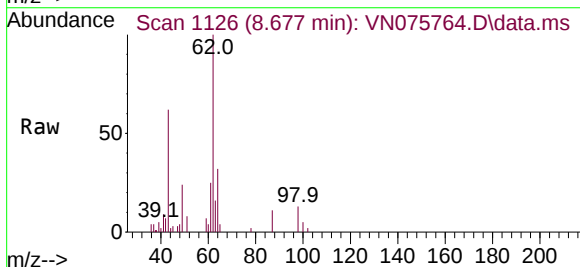
Manual Integrations
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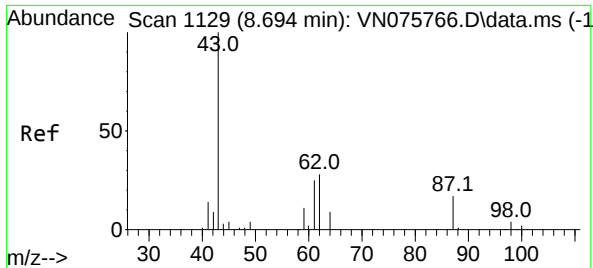
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#42
1,2-Dichloroethane
Concen: 10.302 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion: 62	Resp: 37681
Ion Ratio	Lower Upper
62	100
98	10.6 0.0 21.8





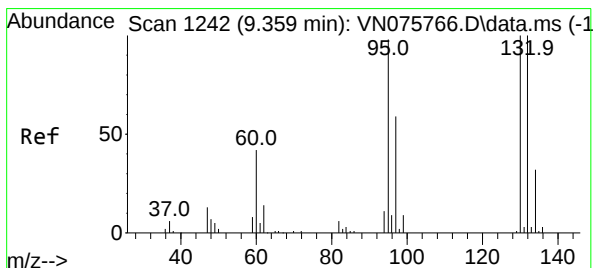
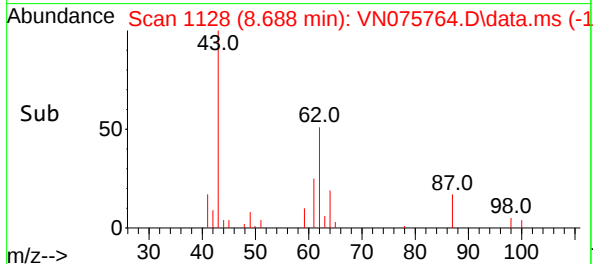
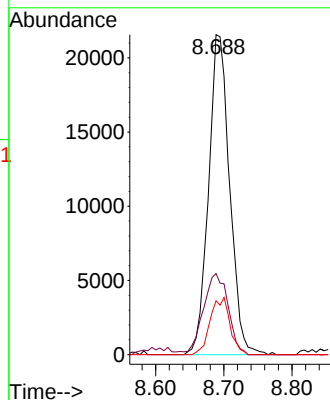
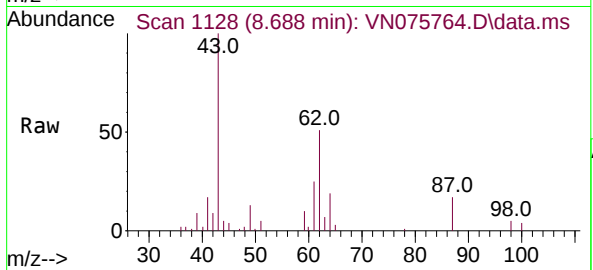
#43
Isopropyl Acetate
Concen: 9.738 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 4650
Ion Ratio Lower Upper
43 100
61 29.6 23.8 35.8
87 16.7 13.7 20.5

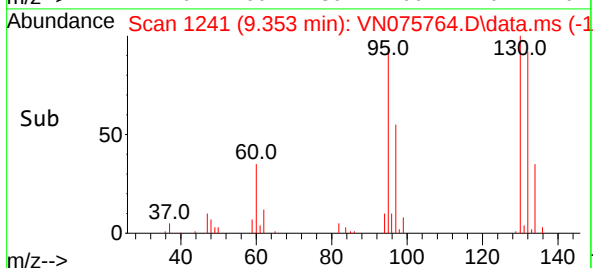
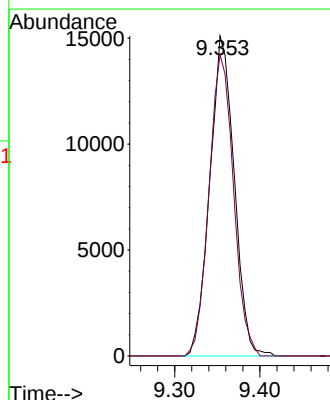
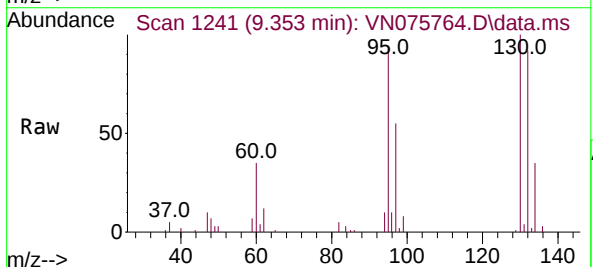
Manual Integrations
APPROVED

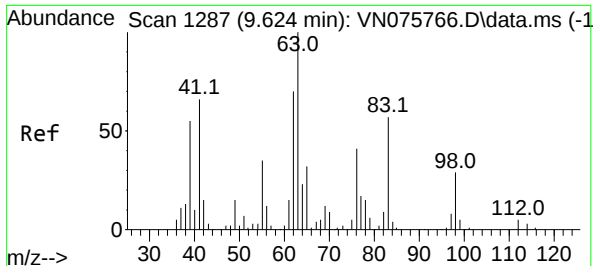
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#44
Trichloroethene
Concen: 9.748 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion:130 Resp: 30069
Ion Ratio Lower Upper
130 100
95 94.1 0.0 176.8





#45

1,2-Dichloropropane

Concen: 10.111 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 26294

Ion Ratio Lower Upper

63 100

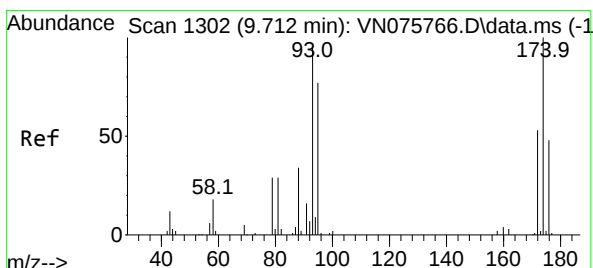
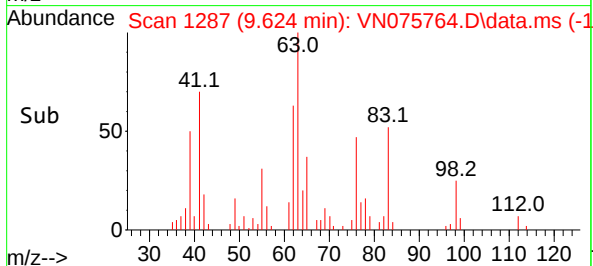
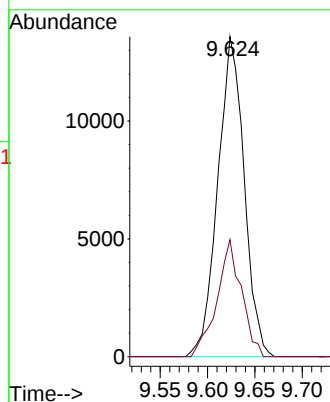
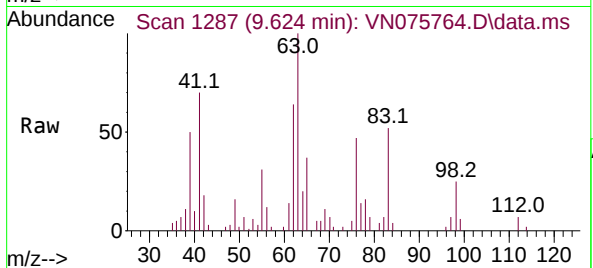
65 36.6 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 9.723 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

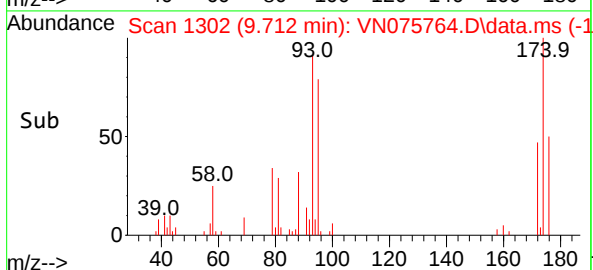
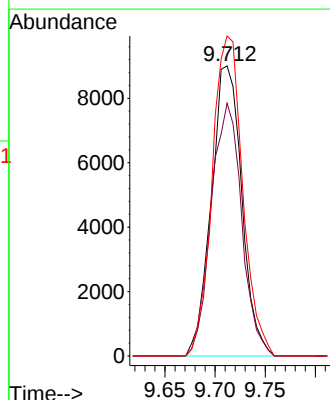
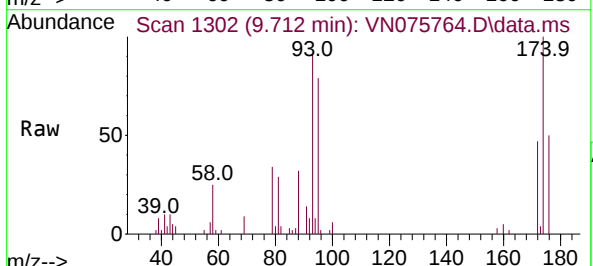
Tgt Ion: 93 Resp: 18983

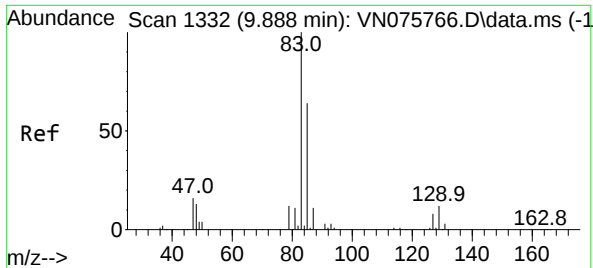
Ion Ratio Lower Upper

93 100

95 86.8 67.3 100.9

174 110.5 85.0 127.6





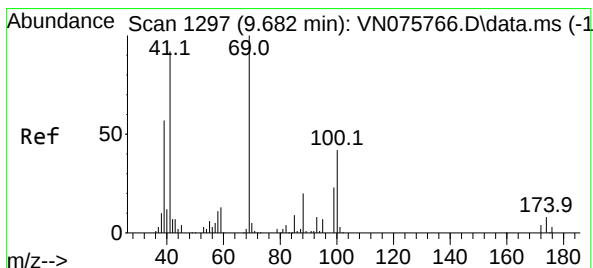
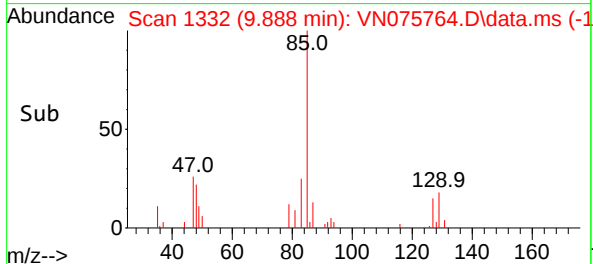
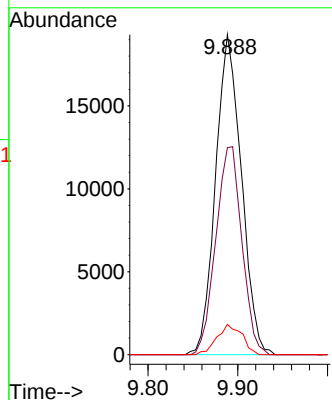
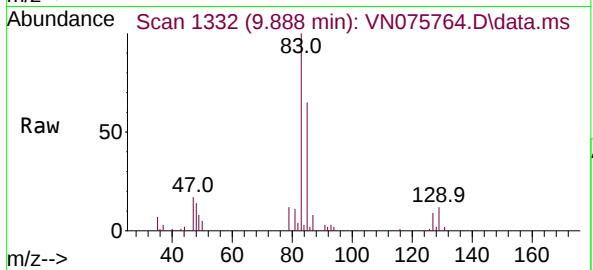
#47
Bromodichloromethane
Concen: 10.070 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 38550
Ion Ratio Lower Upper
83 100
85 64.7 48.0 72.0
127 9.5 7.4 11.2

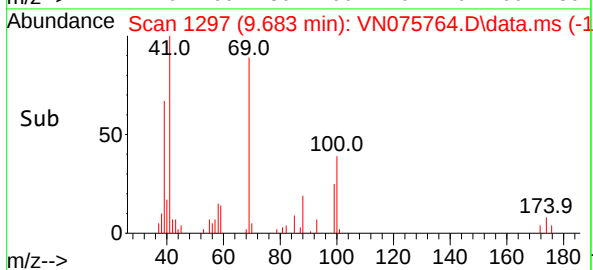
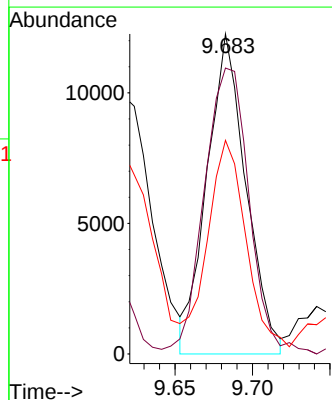
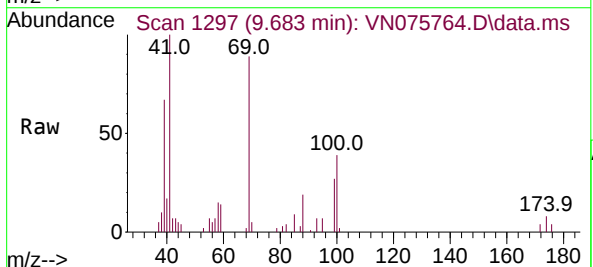
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#48
Methyl methacrylate
Concen: 9.745 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion: 41 Resp: 21435
Ion Ratio Lower Upper
41 100
69 102.9 82.5 123.7
39 67.5 53.2 79.8





#49

1,4-Dioxane

Concen: 199.585 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 1067

Ion Ratio Lower Upper

88 100

43 22.6 17.4 26.0

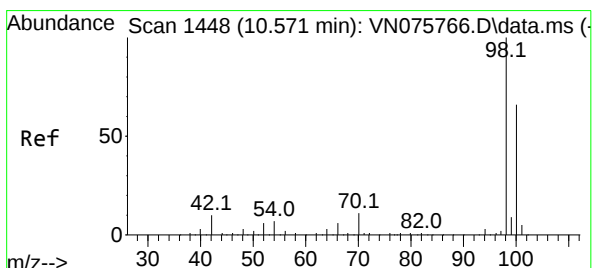
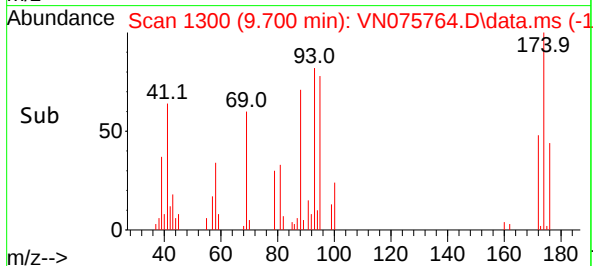
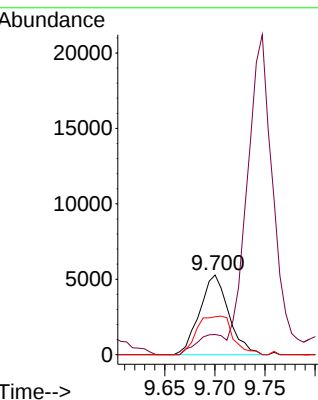
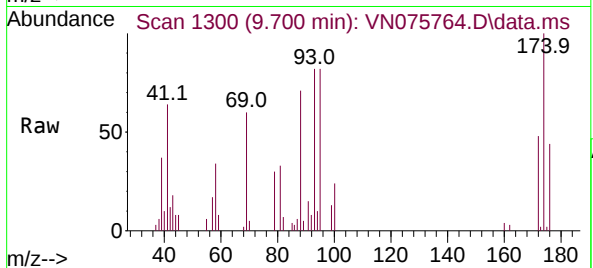
58 59.3 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 9.254 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075764.D

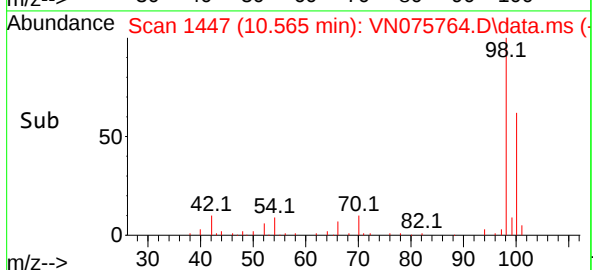
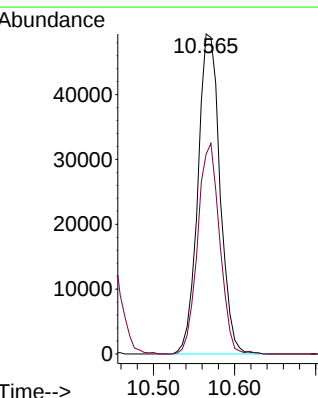
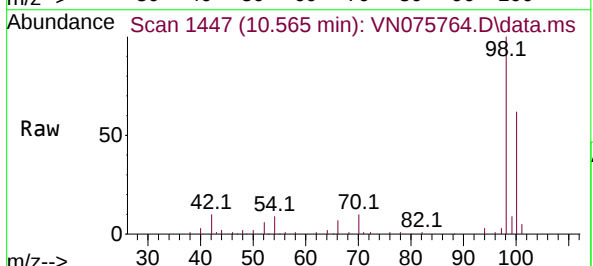
Acq: 14 Dec 2022 11:20

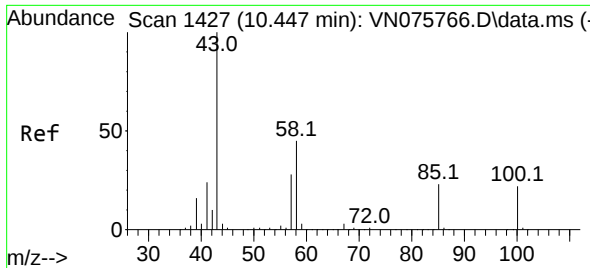
Tgt Ion: 98 Resp: 93250

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8





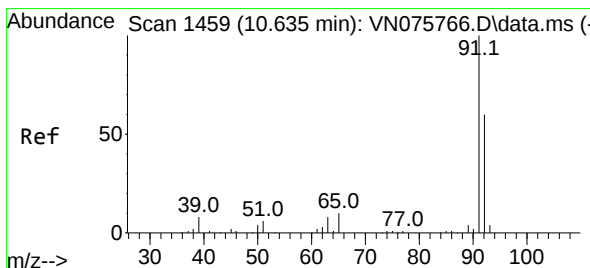
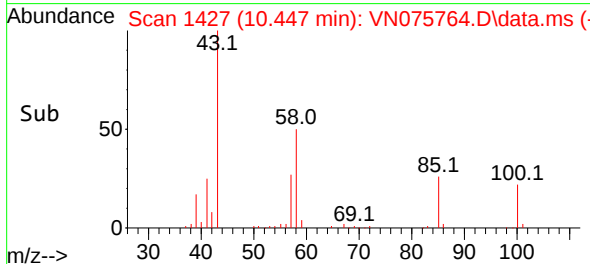
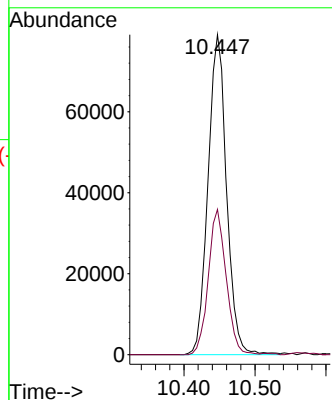
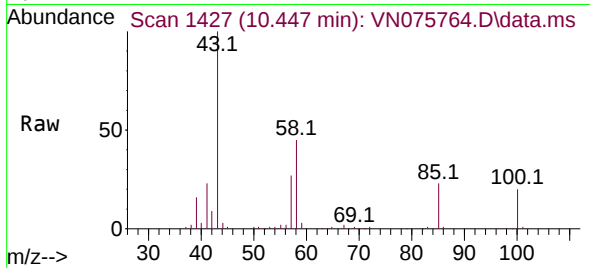
#51
4-Methyl-2-Pentanone
Concen: 48.712 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 14344
Ion Ratio Lower Upper
43 100
58 43.7 35.0 52.6

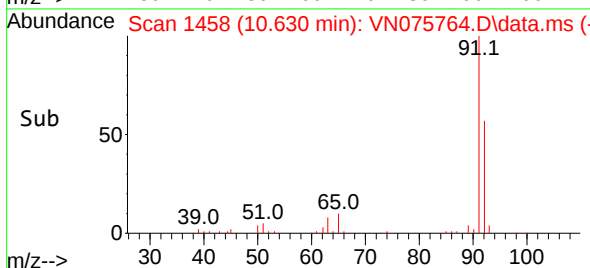
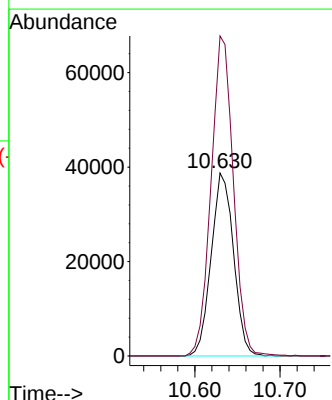
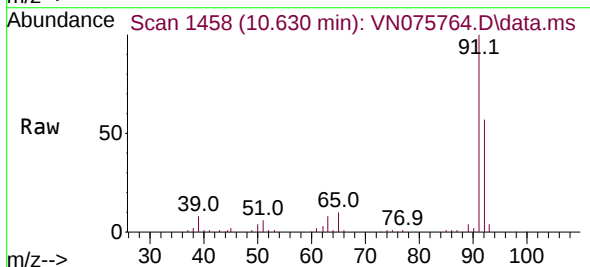
Manual Integrations
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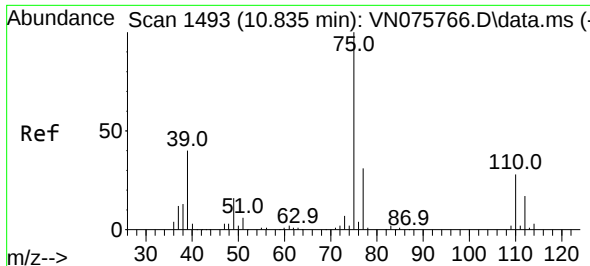
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 9.771 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

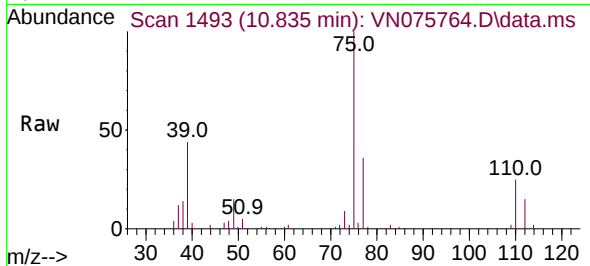
Tgt Ion: 92 Resp: 70615
Ion Ratio Lower Upper
92 100
91 174.6 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 9.717 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

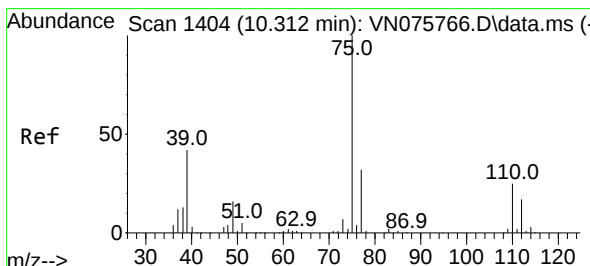
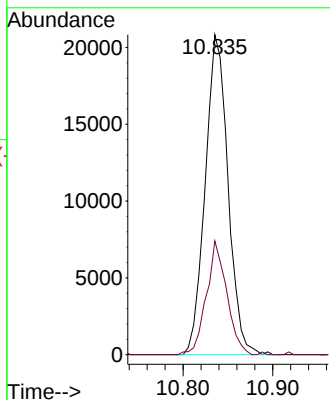
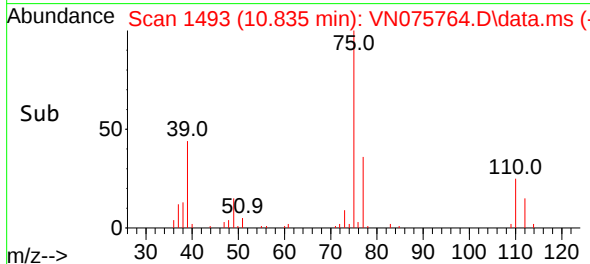
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



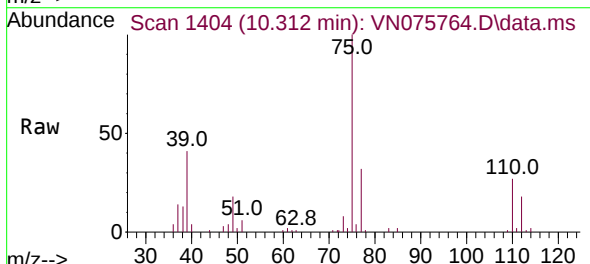
Tgt Ion: 75 Resp: 36739
Ion Ratio Lower Upper
75 100
77 35.6 24.3 36.5

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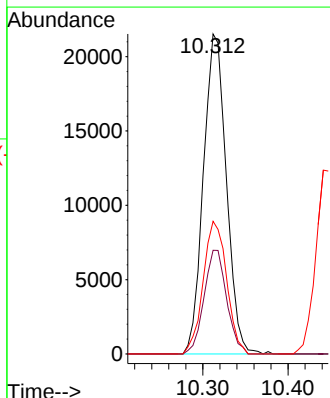
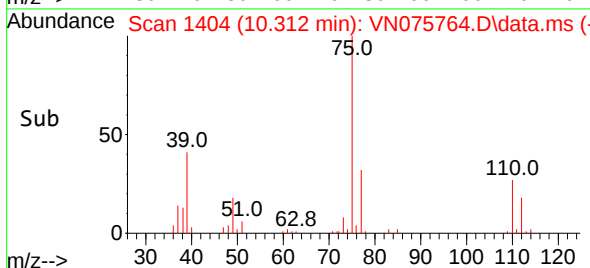
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

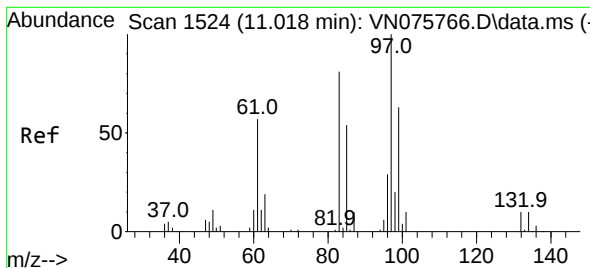


#54
cis-1,3-Dichloropropene
Concen: 9.579 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20



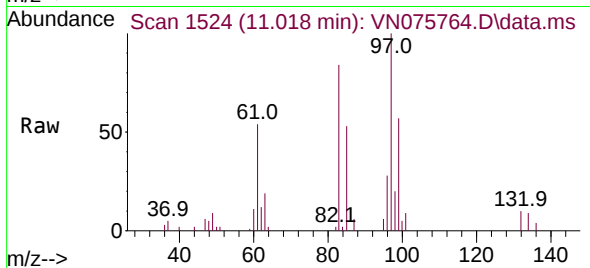
Tgt Ion: 75 Resp: 40293
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
39 41.4 32.0 48.0





#55
1,1,2-Trichloroethane
Concen: 9.906 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

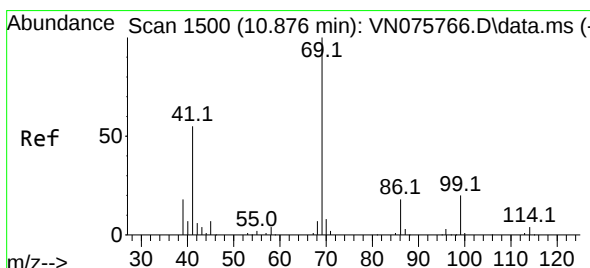
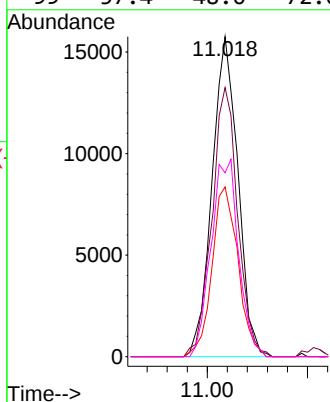
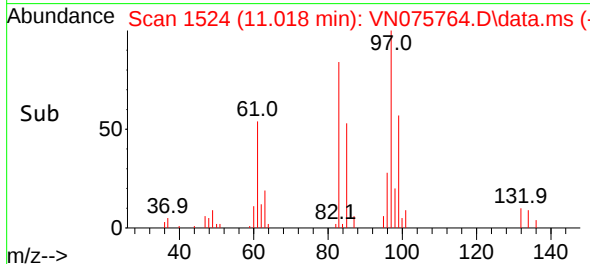
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	62.7	94.1
85	53.0	41.8	62.6
99	57.4	48.0	72.0

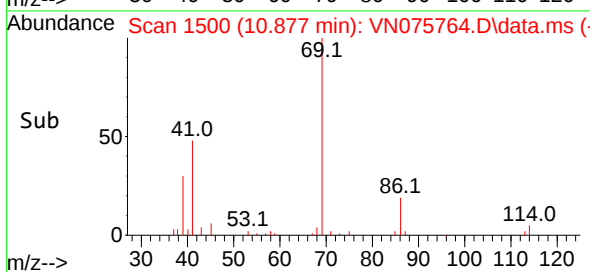
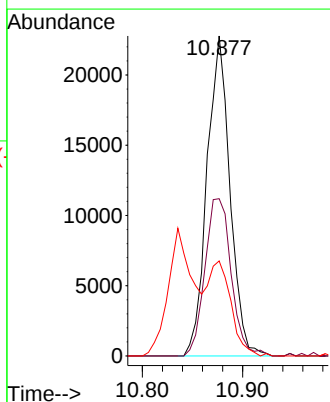
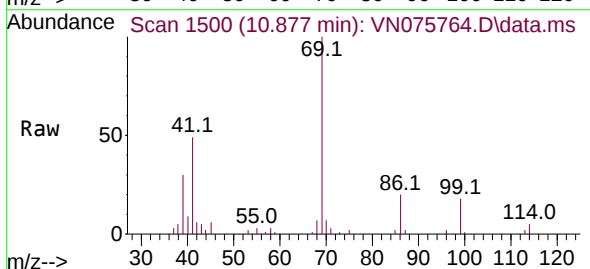
Manual Integrations
APPROVED

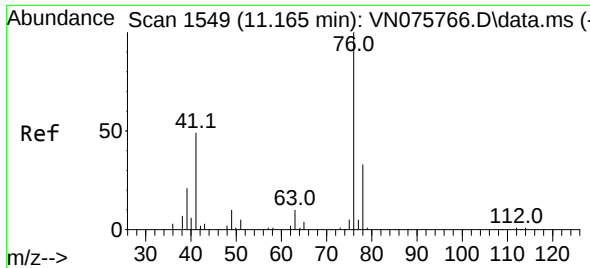
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#56
Ethyl methacrylate
Concen: 9.409 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.3	44.1	66.1
39	30.2	27.7	41.5





#57

1,3-Dichloropropane

Concen: 10.142 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 4658

Ion Ratio Lower Upper

76 100

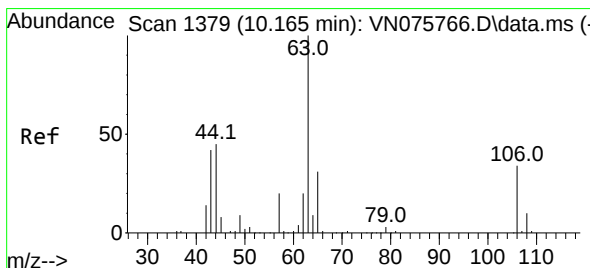
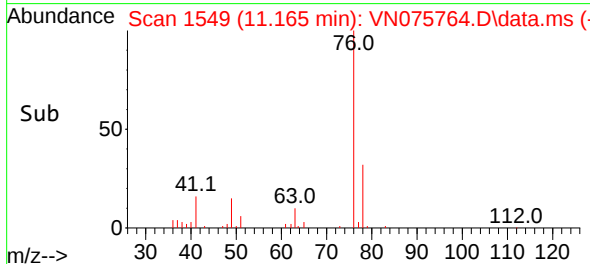
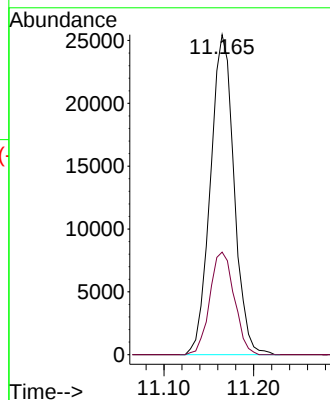
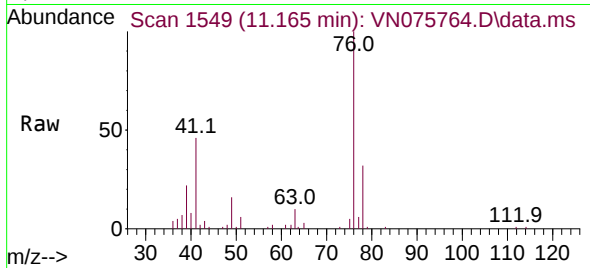
78 33.1 26.8 40.2

Manual Integrations

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 45.382 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075764.D

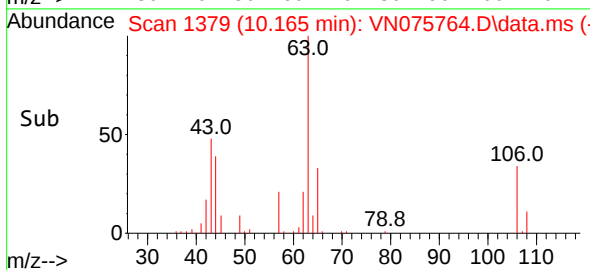
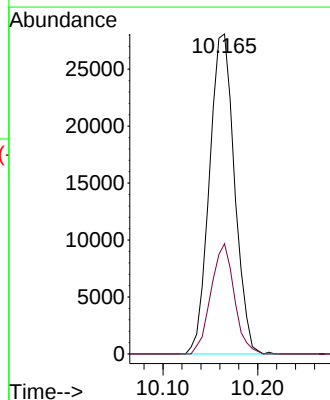
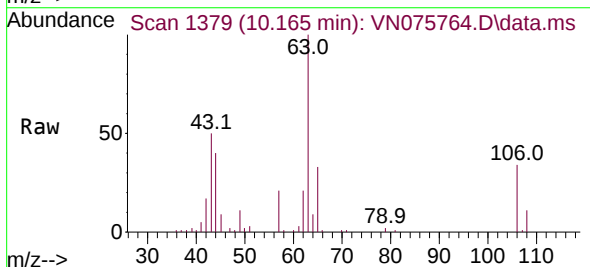
Acq: 14 Dec 2022 11:20

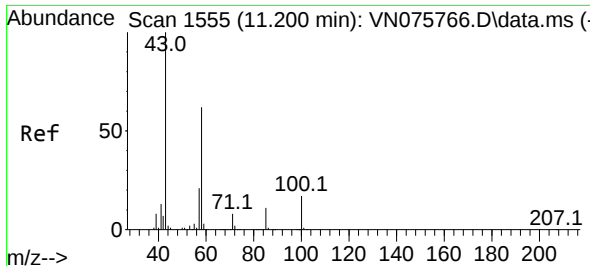
Tgt Ion: 63 Resp: 51593

Ion Ratio Lower Upper

63 100

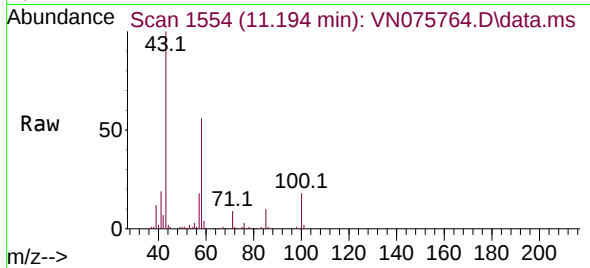
106 32.0 26.6 40.0





#59
2-Hexanone
Concen: 48.760 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

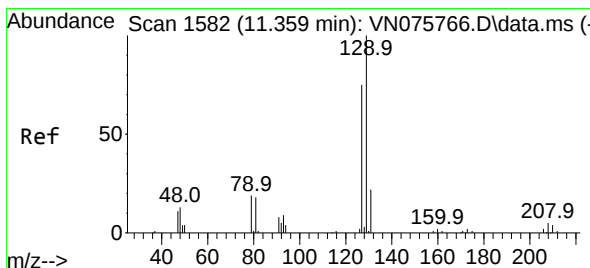
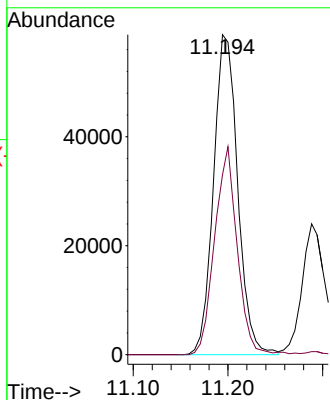
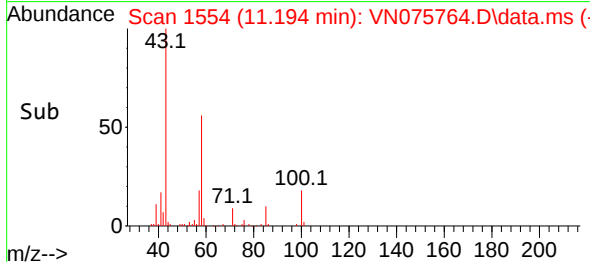
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 104318
Ion Ratio Lower Upper
43 100
58 60.8 30.9 92.5

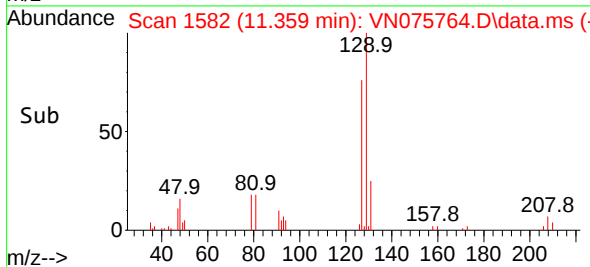
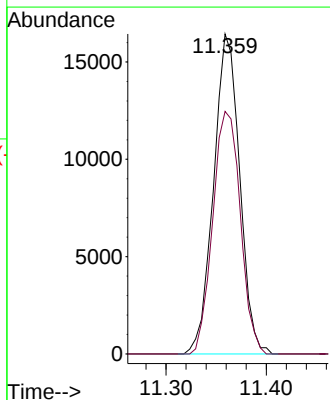
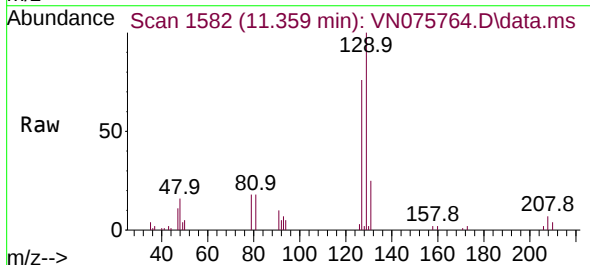
Manual Integrations
APPROVED

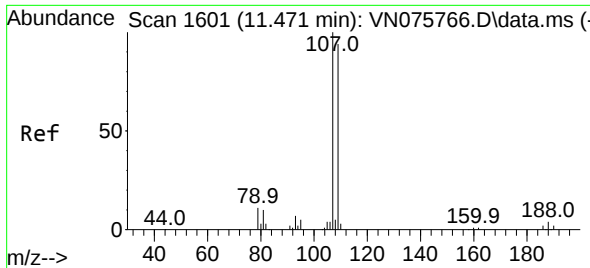
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#60
Dibromochloromethane
Concen: 9.488 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion:129 Resp: 29668
Ion Ratio Lower Upper
129 100
127 80.2 38.6 116.0





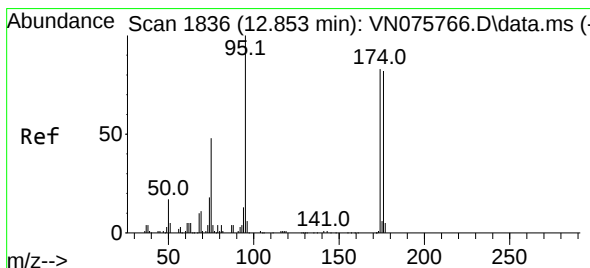
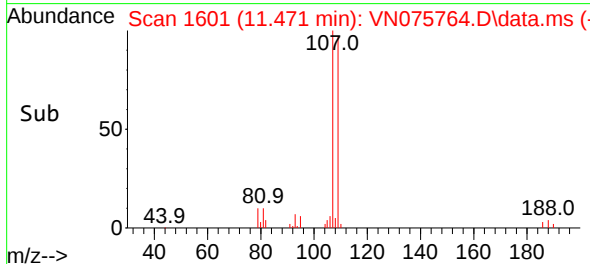
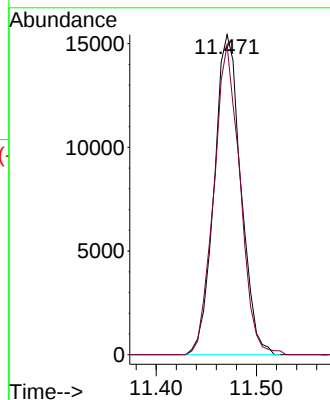
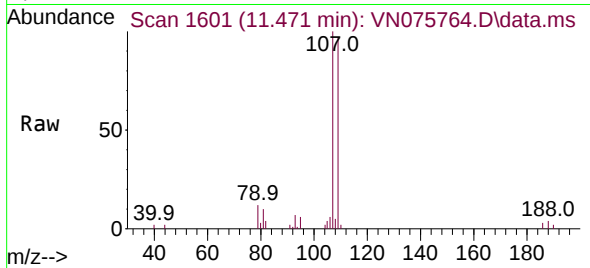
#61
1,2-Dibromoethane
Concen: 9.568 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 2848
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.2

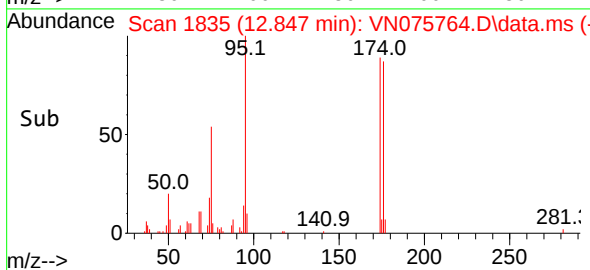
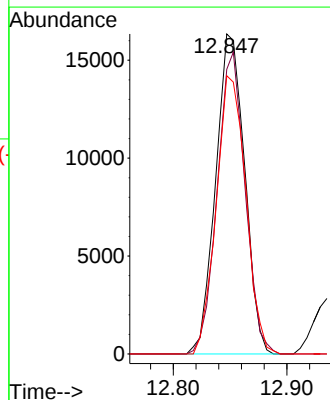
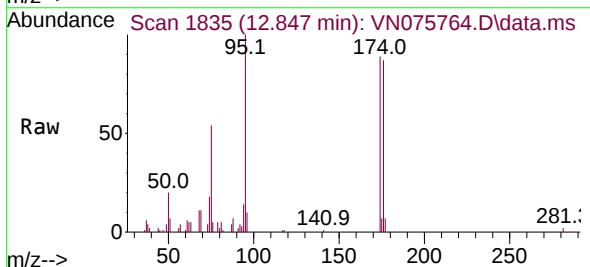
Manual Integrations
APPROVED

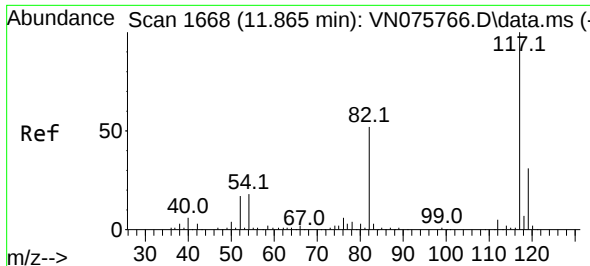
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#62
4-Bromofluorobenzene
Concen: 8.396 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

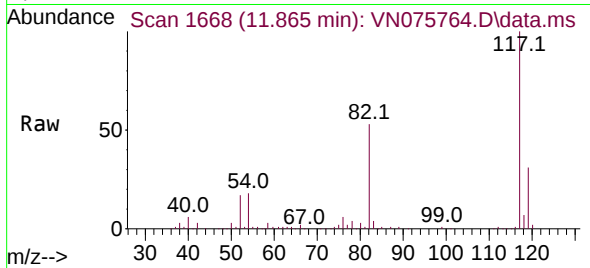
Tgt Ion: 95 Resp: 28927
Ion Ratio Lower Upper
95 100
174 90.6 0.0 178.6
176 88.6 0.0 170.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

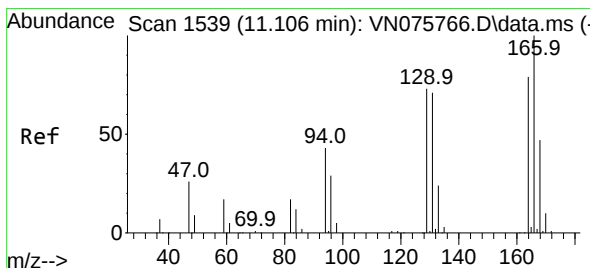
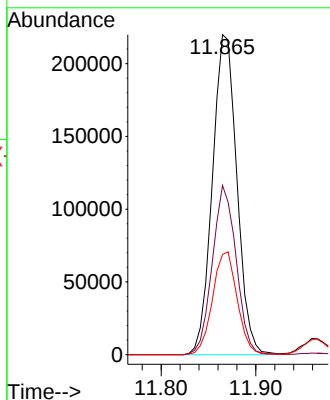
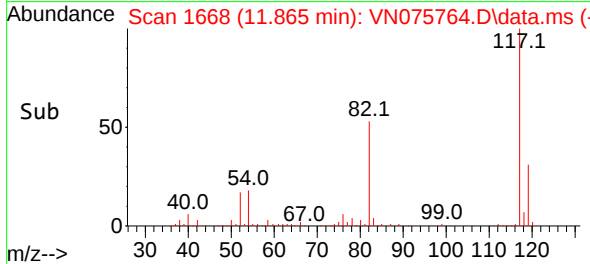
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



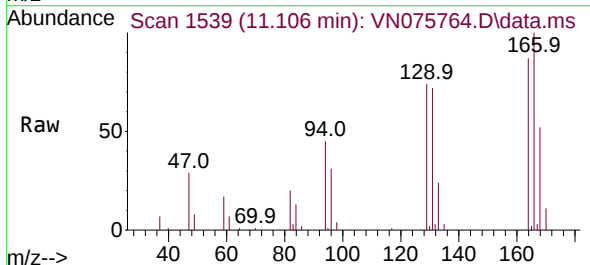
Tgt Ion:117 Resp: 395688
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.8
119 31.3 25.8 38.6

Manual Integrations
APPROVED

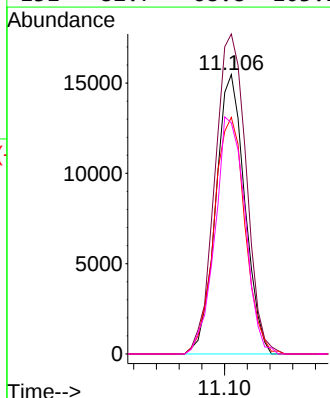
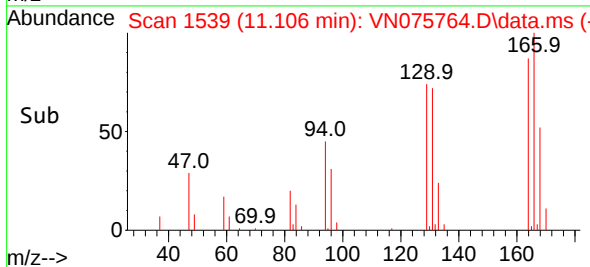
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

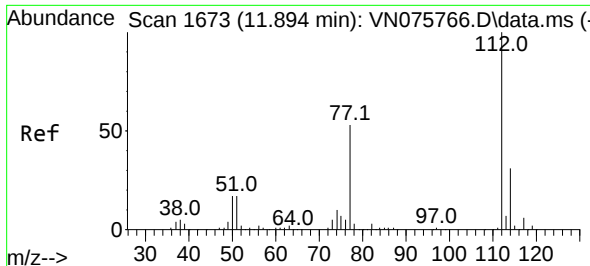


#64
Tetrachloroethene
Concen: 9.533 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20



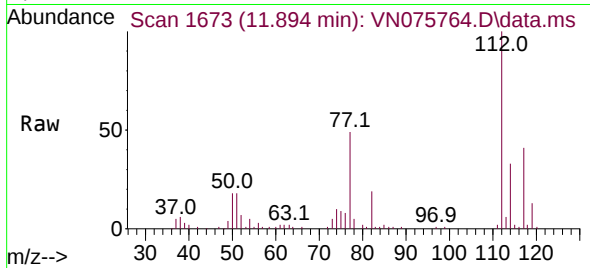
Tgt Ion:164 Resp: 27476
Ion Ratio Lower Upper
164 100
166 114.5 100.3 150.5
129 84.7 73.9 110.9
131 82.7 68.8 103.2





#65
Chlorobenzene
Concen: 9.644 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

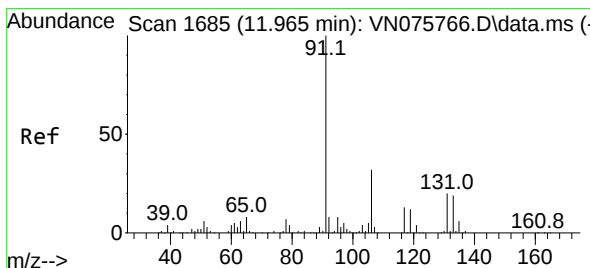
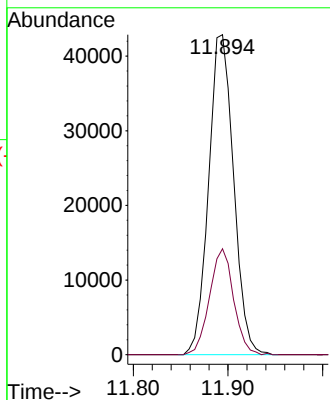
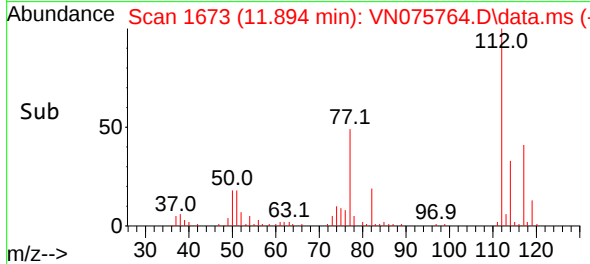
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



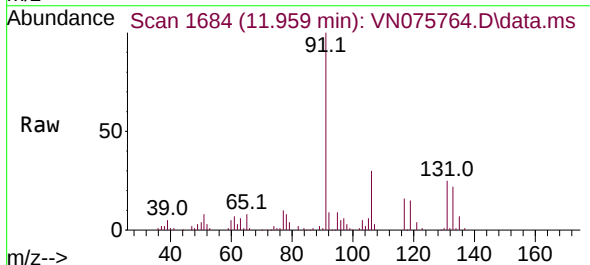
Tgt Ion:112 Resp: 7851
Ion Ratio Lower Upper
112 100
114 33.1 25.5 38.3

Manual Integrations
APPROVED

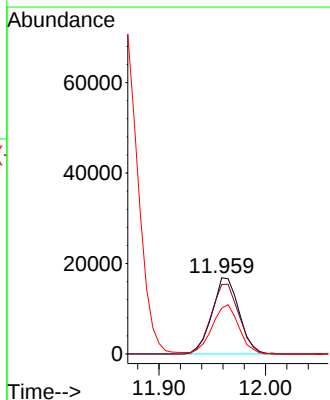
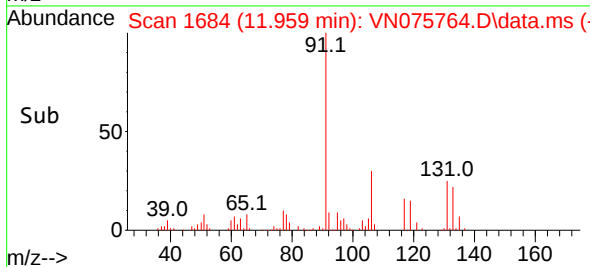
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

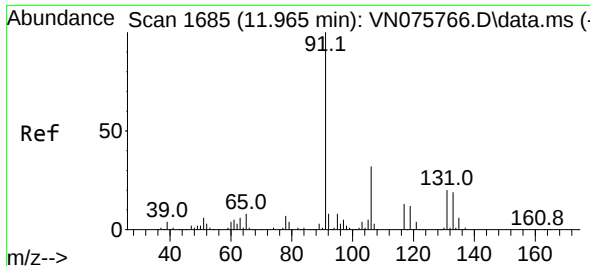


#66
1,1,1,2-Tetrachloroethane
Concen: 10.040 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20



Tgt Ion:131 Resp: 29740
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.6
119 63.9 32.5 97.4





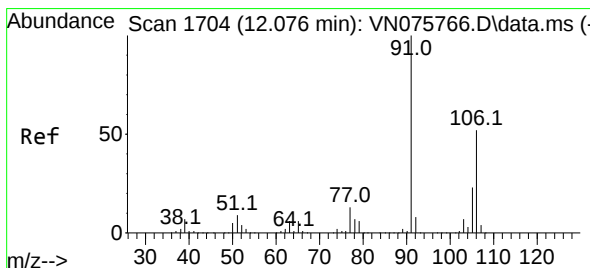
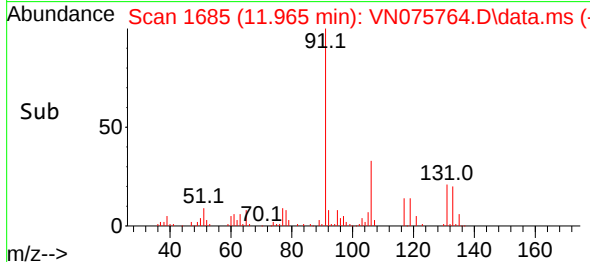
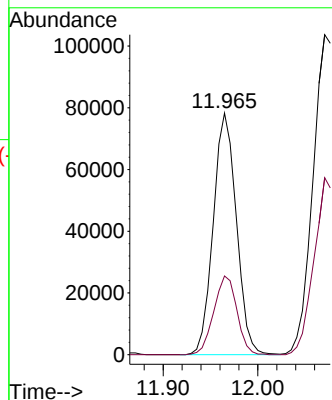
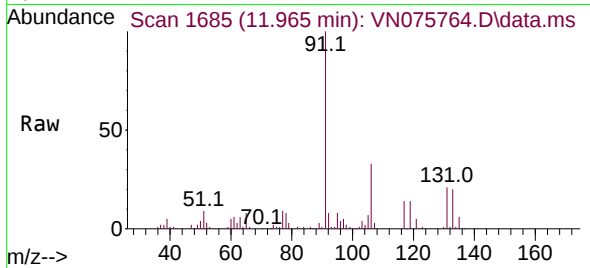
#67
Ethyl Benzene
Concen: 9.643 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 132808
Ion Ratio Lower Upper
91 100
106 32.6 26.9 40.3

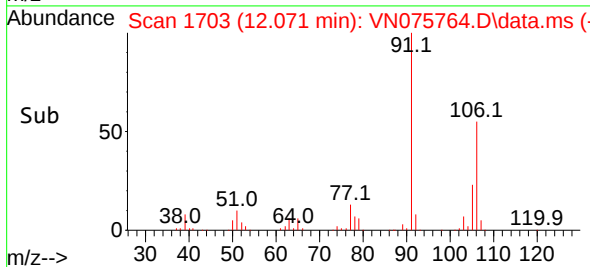
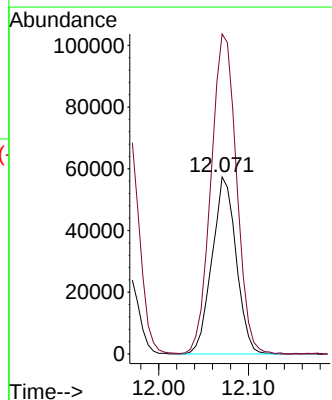
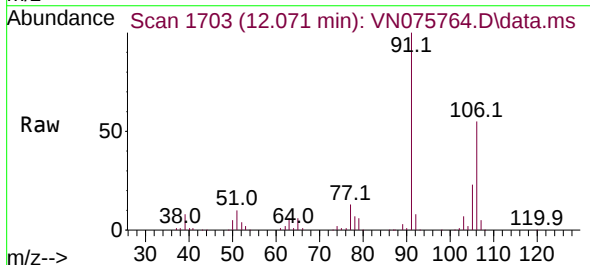
Manual Integrations
APPROVED

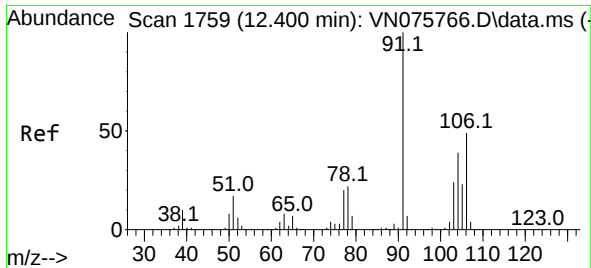
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#68
m/p-Xylenes
Concen: 19.214 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion:106 Resp: 106925
Ion Ratio Lower Upper
106 100
91 191.6 156.2 234.4





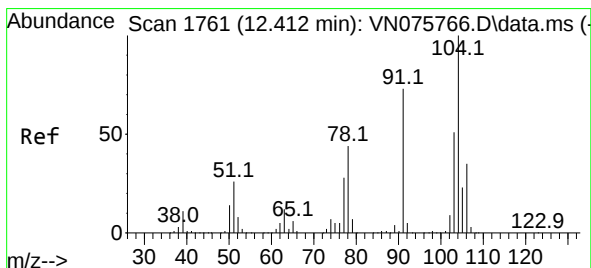
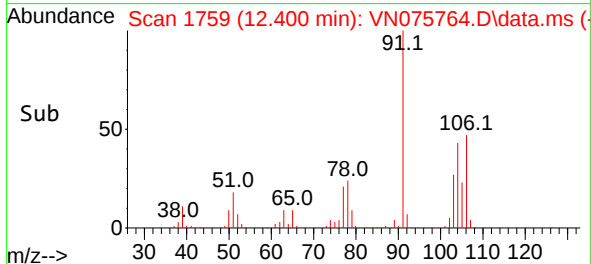
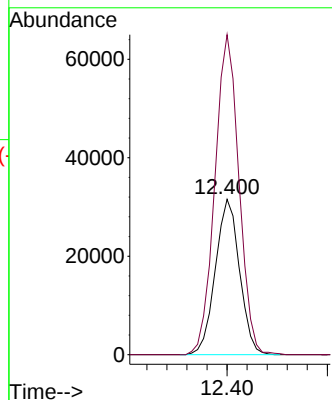
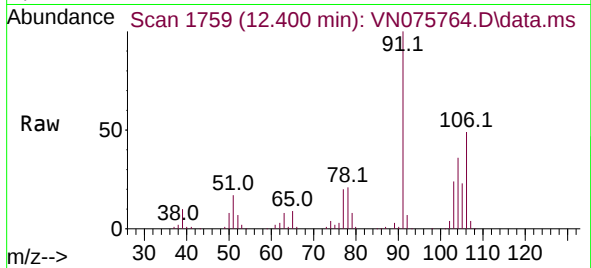
#69
o-Xylene
Concen: 9.784 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 52834
Ion Ratio Lower Upper
106 100
91 205.4 102.8 308.5

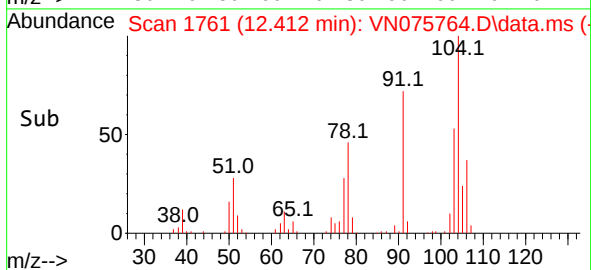
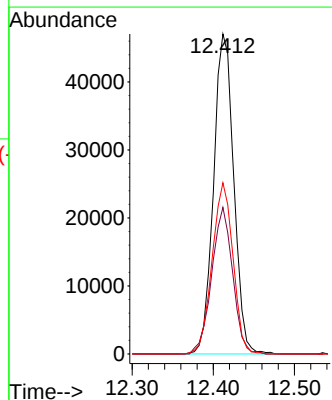
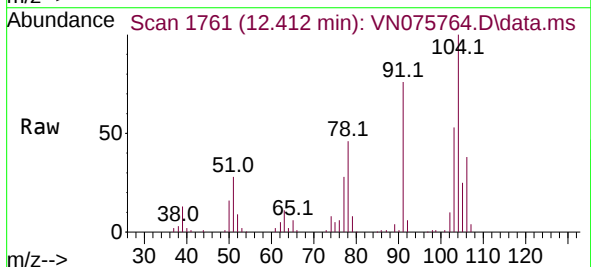
Manual Integrations
APPROVED

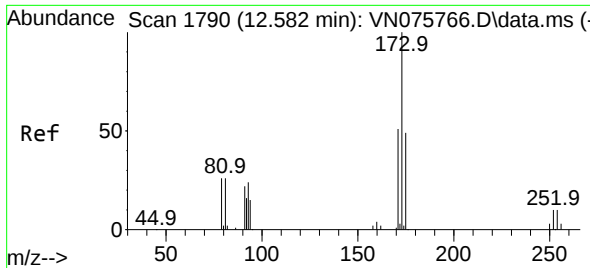
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 9.393 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion:104 Resp: 81359
Ion Ratio Lower Upper
104 100
78 47.5 36.7 55.1
103 55.2 44.0 66.0





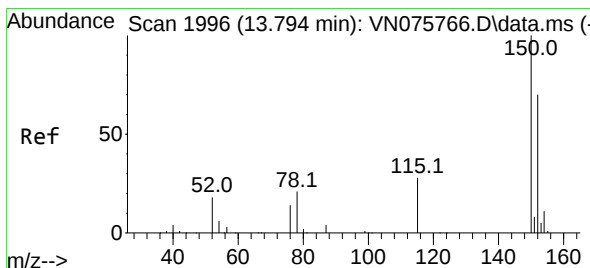
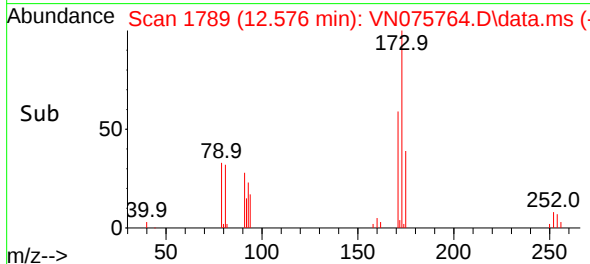
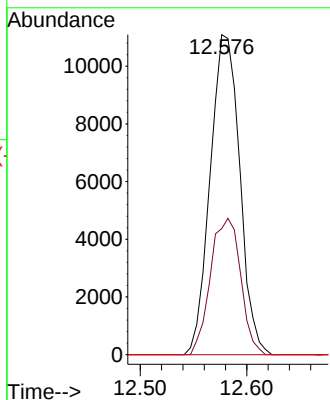
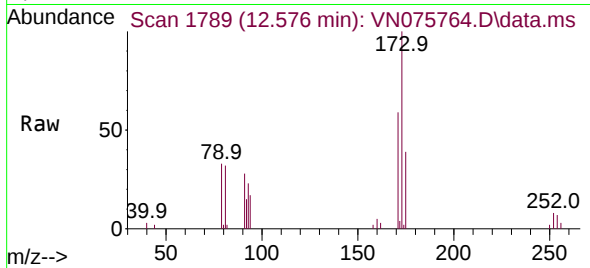
#71
Bromoform
Concen: 9.522 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 21378
Ion Ratio Lower Upper
173 100
175 43.4 23.8 71.2
254 0.0 0.0 0.0

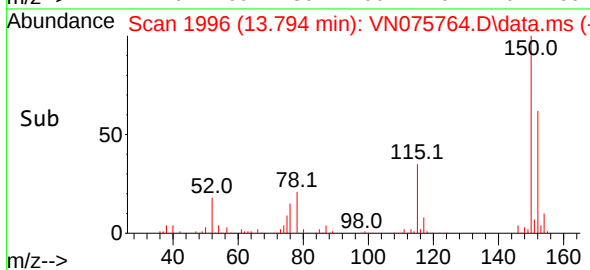
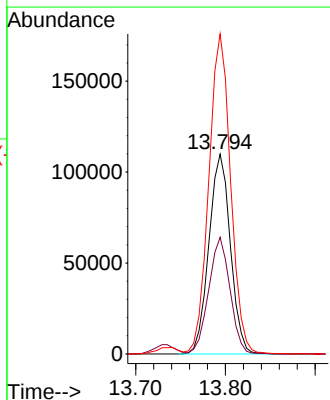
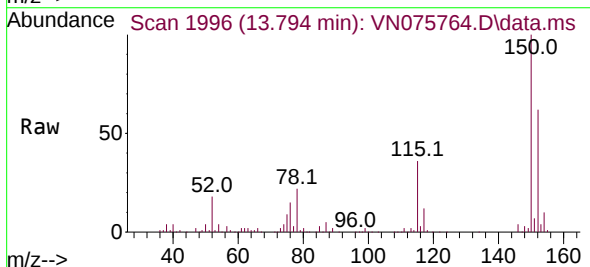
Manual Integrations
APPROVED

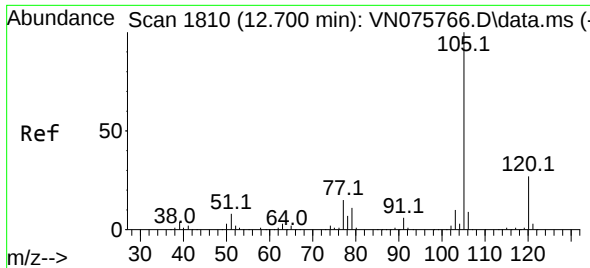
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion:152 Resp: 182668
Ion Ratio Lower Upper
152 100
115 58.0 28.4 85.2
150 162.4 0.0 347.6





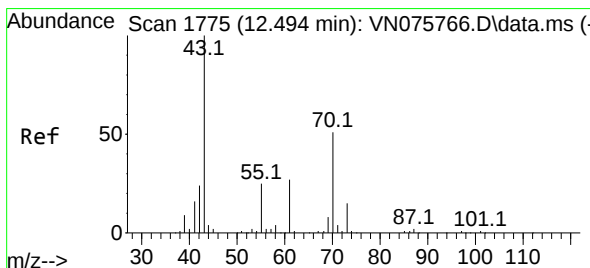
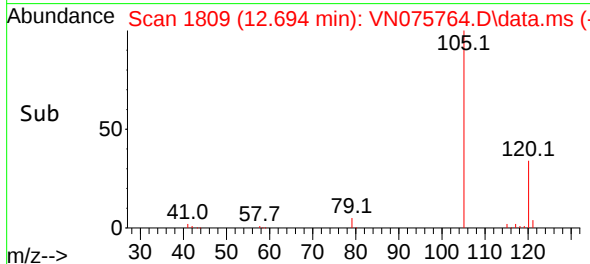
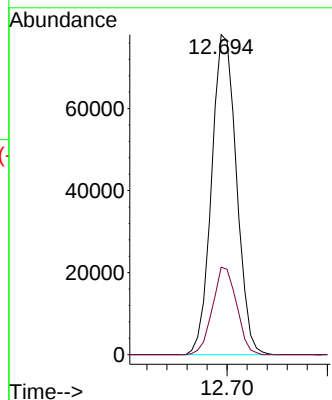
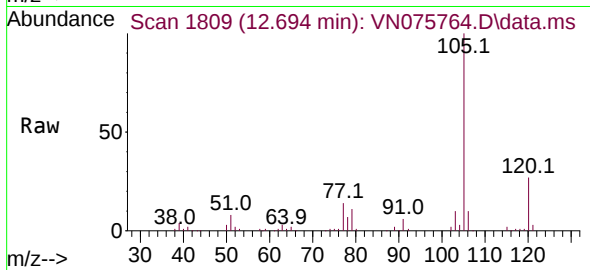
#73
Isopropylbenzene
Concen: 10.251 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 134450
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

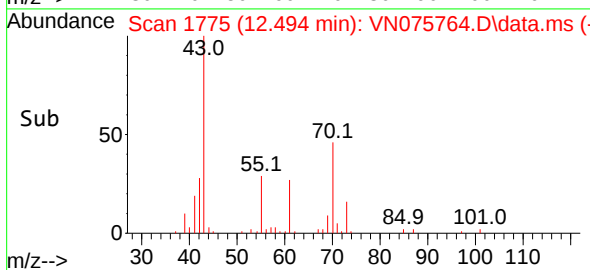
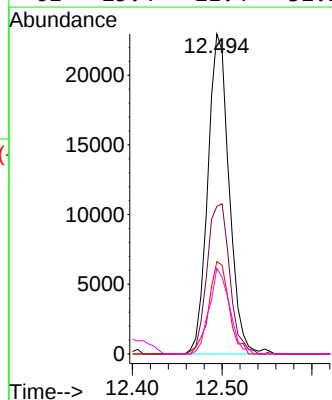
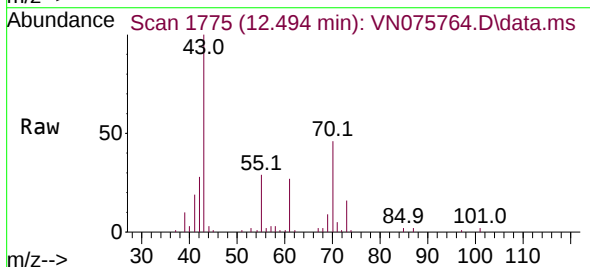
Manual Integrations
APPROVED

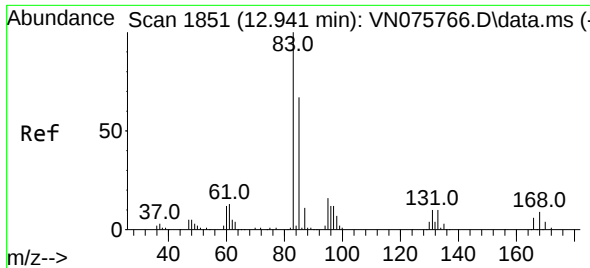
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#74
N-ethyl acetate
Concen: 9.940 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion: 43 Resp: 37879
Ion Ratio Lower Upper
43 100
70 49.9 41.0 61.6
55 27.2 20.7 31.1
61 25.4 21.4 32.2





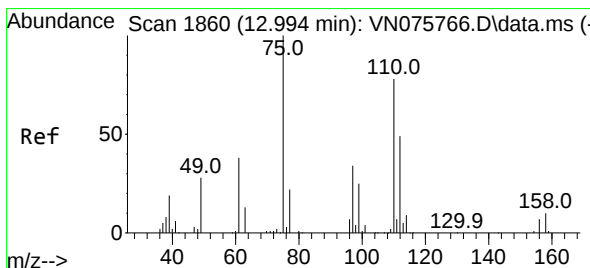
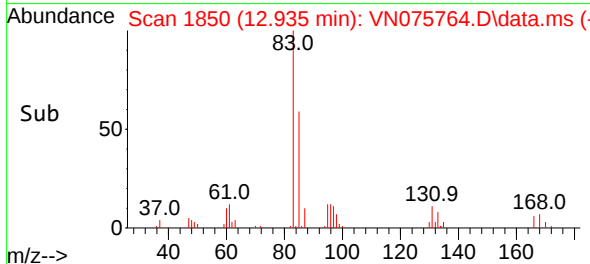
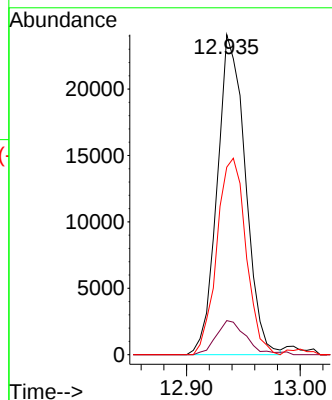
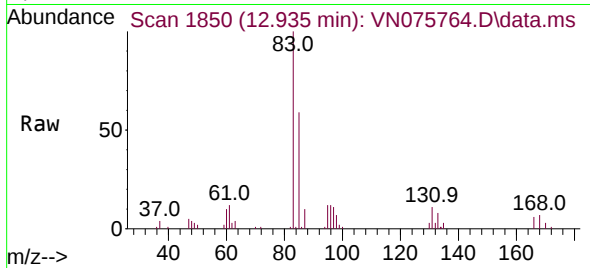
#75
1,1,2,2-Tetrachloroethane
Concen: 10.525 ug/l
RT: 12.935 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 4146
Ion Ratio Lower Upper
83 100
131 11.4 5.6 16.8
85 63.4 32.6 97.7

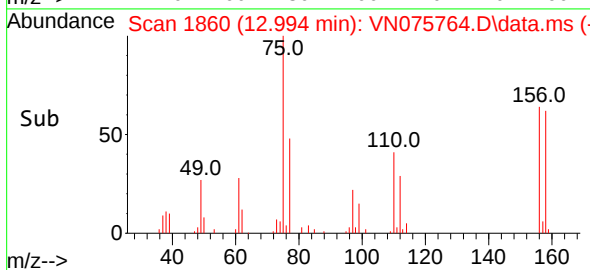
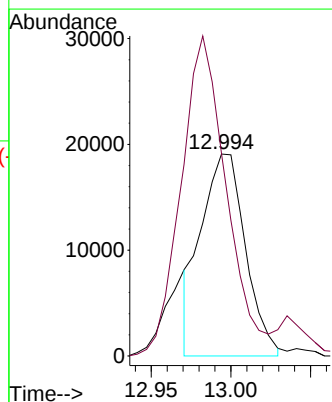
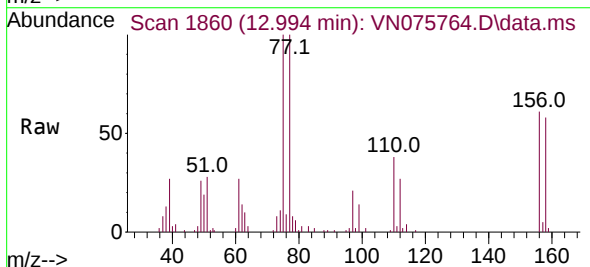
Manual Integrations
APPROVED

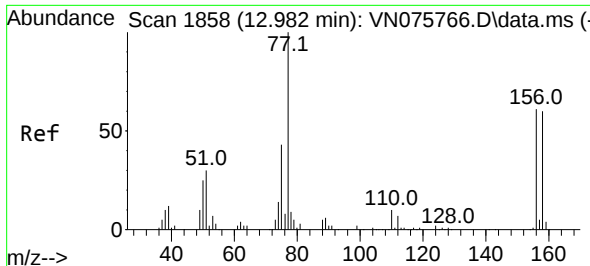
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#76
1,2,3-Trichloropropane
Concen: 10.065 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion: 75 Resp: 36924
Ion Ratio Lower Upper
75 100
77 161.5 81.8 245.4





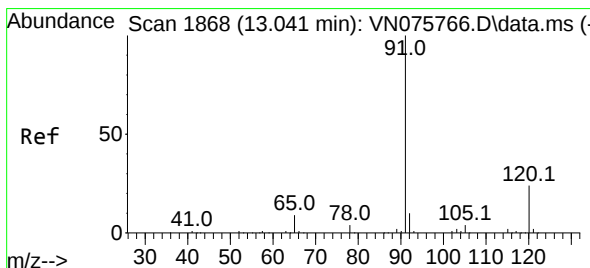
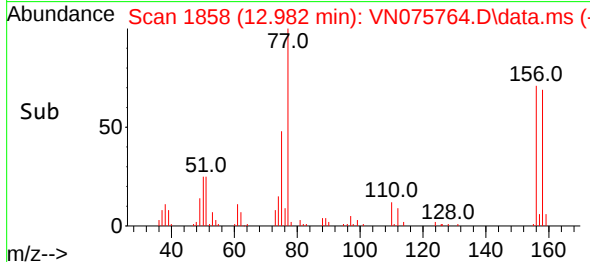
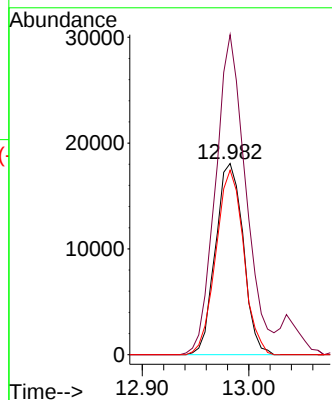
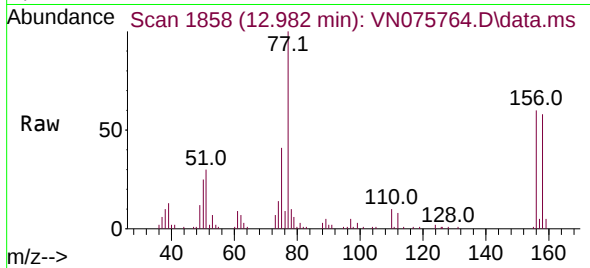
#77
Bromobenzene
Concen: 9.891 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:156 Resp: 32620
Ion Ratio Lower Upper
156 100
77 182.7 90.8 272.5
158 96.8 49.3 147.8

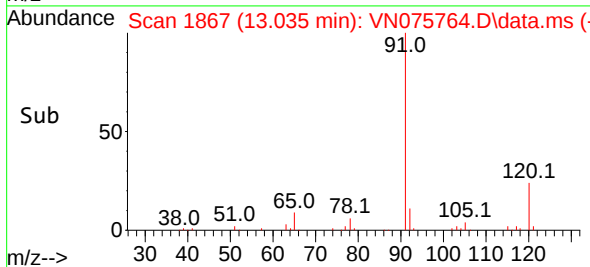
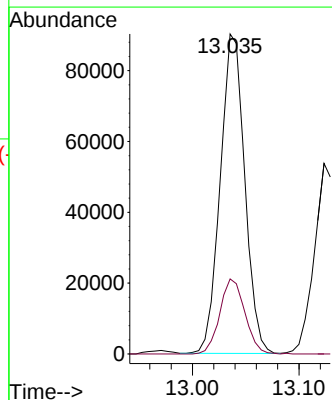
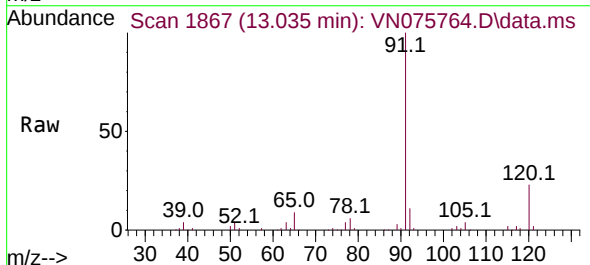
Manual Integrations
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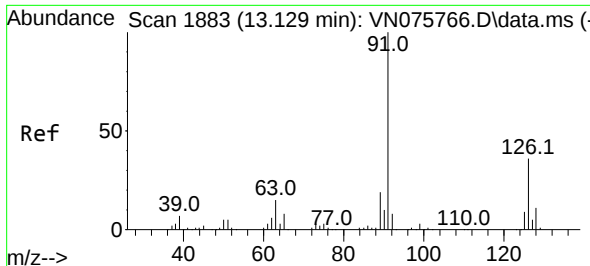
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#78
n-propylbenzene
Concen: 9.892 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion: 91 Resp: 143970
Ion Ratio Lower Upper
91 100
120 24.0 12.1 36.3





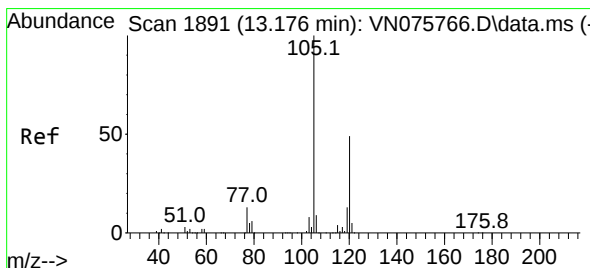
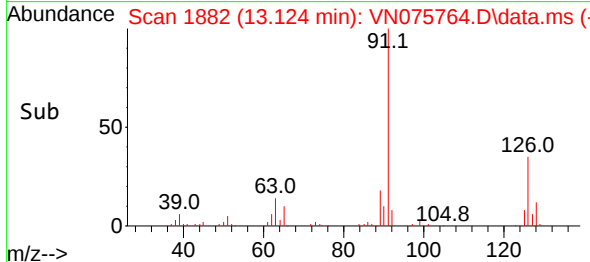
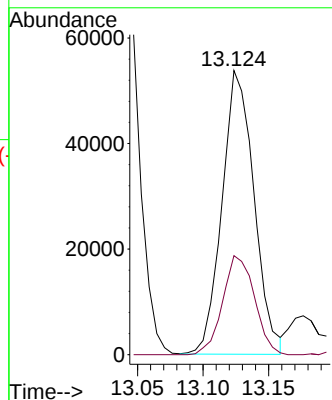
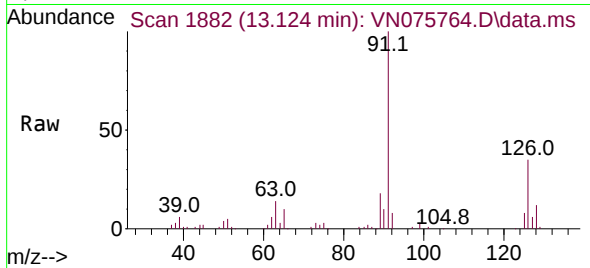
#79
2-Chlorotoluene
Concen: 10.162 ug/l
RT: 13.124 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 91300
Ion Ratio Lower Upper
91 100
126 34.7 17.8 53.4

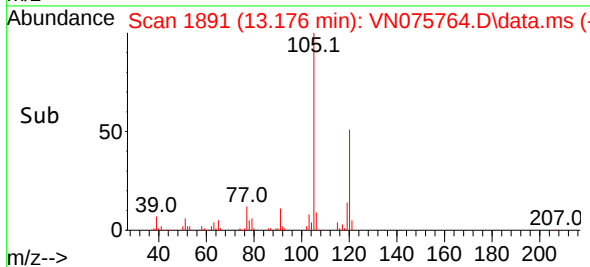
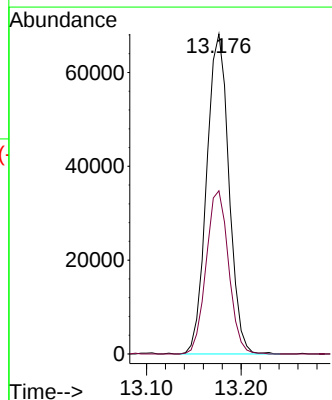
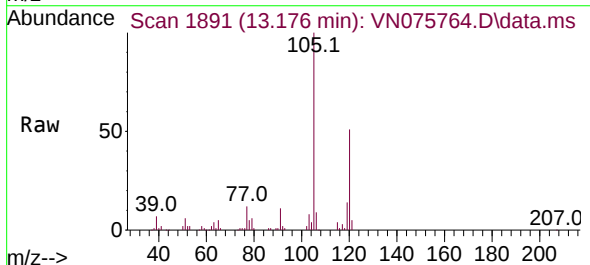
Manual Integrations
APPROVED

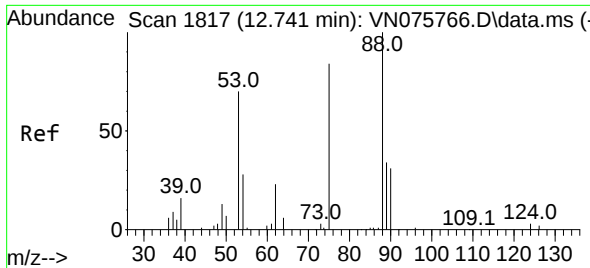
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 10.133 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion:105 Resp: 111109
Ion Ratio Lower Upper
105 100
120 51.5 24.9 74.6





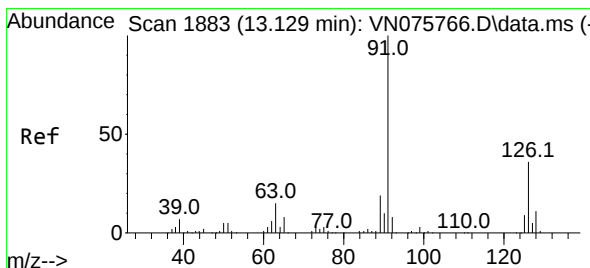
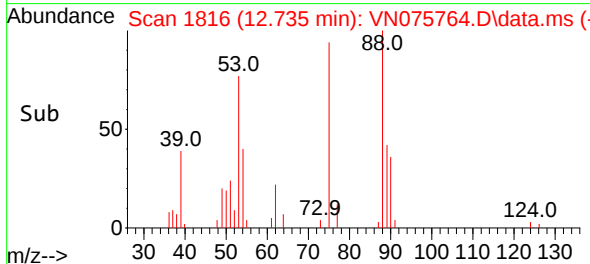
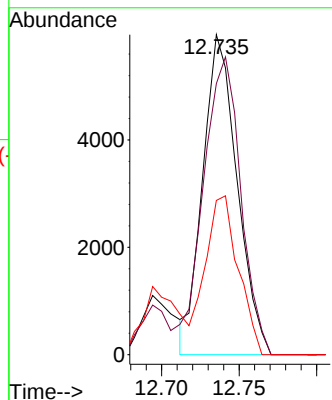
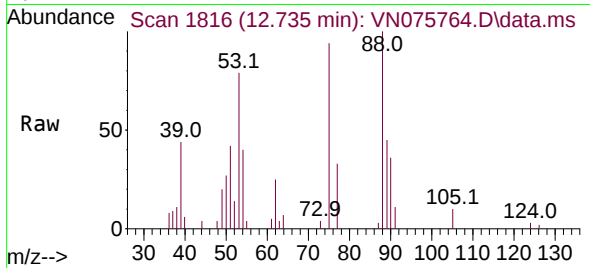
#81
trans-1,4-Dichloro-2-butene
Concen: 9.370 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 9184
Ion Ratio Lower Upper
75 100
53 102.4 72.4 108.6
89 47.6 36.6 55.0

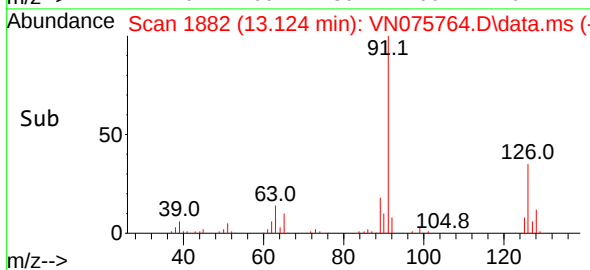
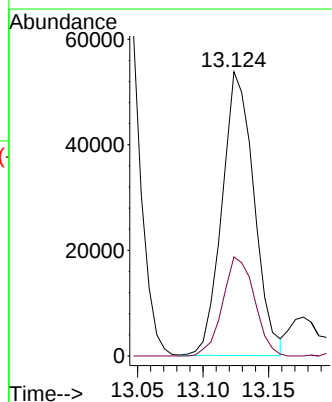
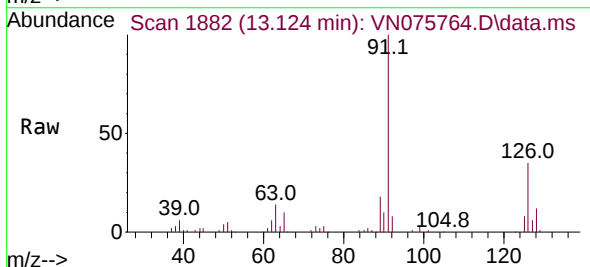
Manual Integrations
APPROVED

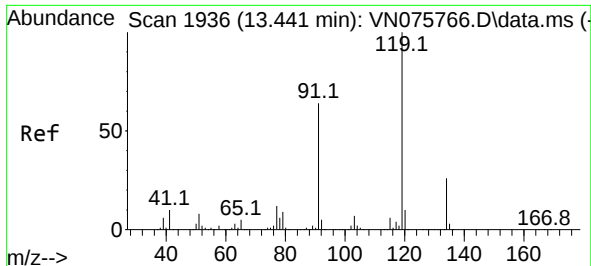
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#82
4-Chlorotoluene
Concen: 10.162 ug/l
RT: 13.124 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion: 91 Resp: 91306
Ion Ratio Lower Upper
91 100
126 34.7 17.8 53.4





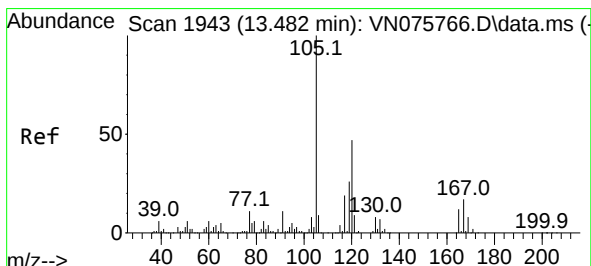
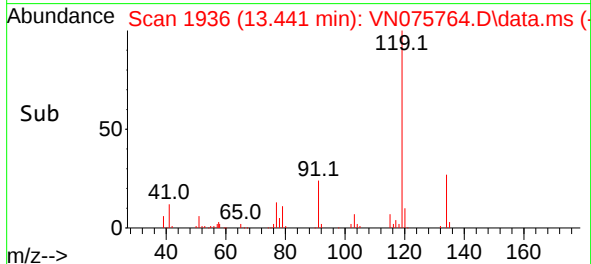
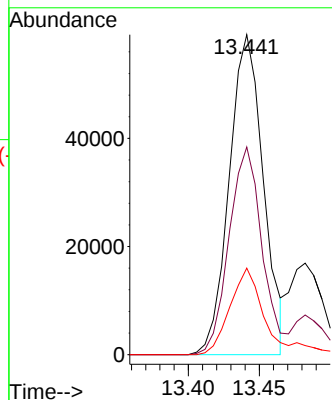
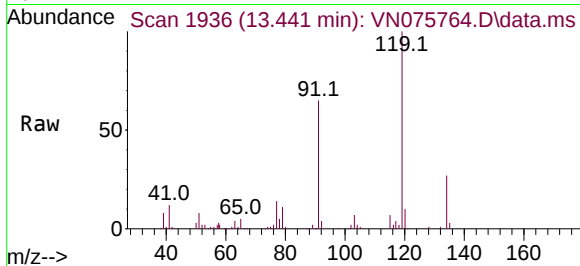
#83
tert-Butylbenzene
Concen: 9.947 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 98912
Ion Ratio Lower Upper
119 100
91 63.5 31.9 95.9
134 28.1 13.9 41.7

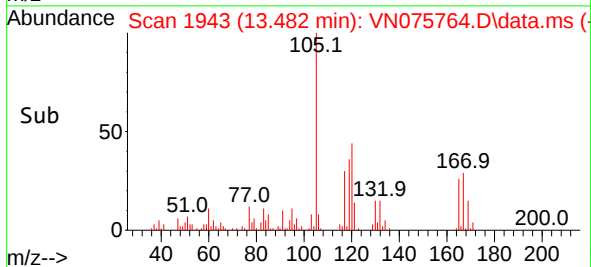
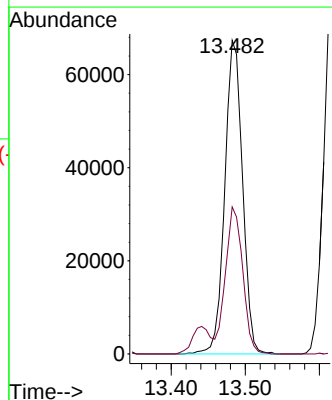
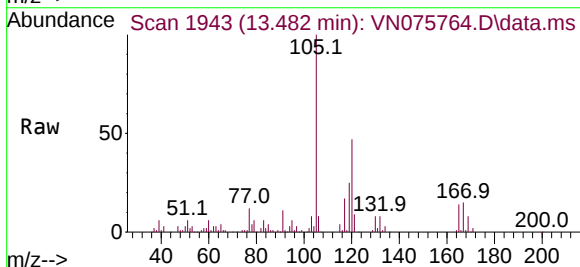
Manual Integrations
APPROVED

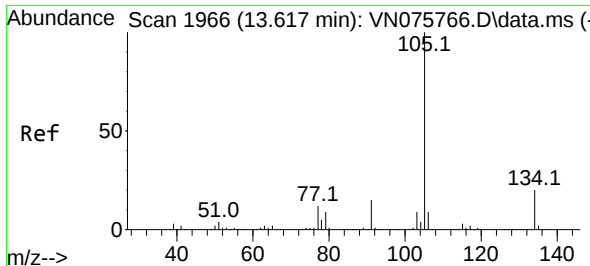
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#84
1,2,4-Trimethylbenzene
Concen: 10.174 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion:105 Resp: 112126
Ion Ratio Lower Upper
105 100
120 45.4 23.1 69.2





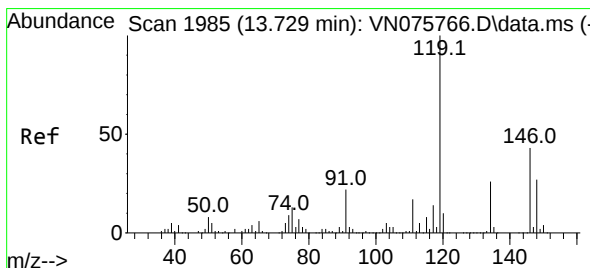
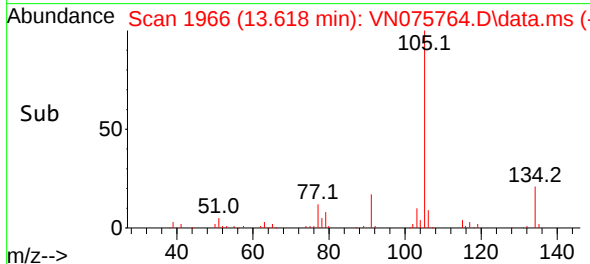
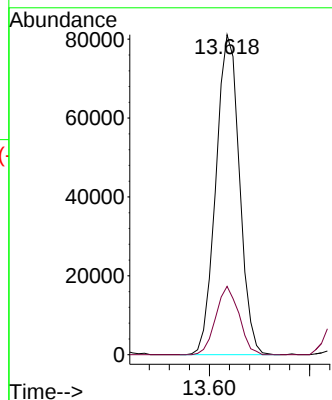
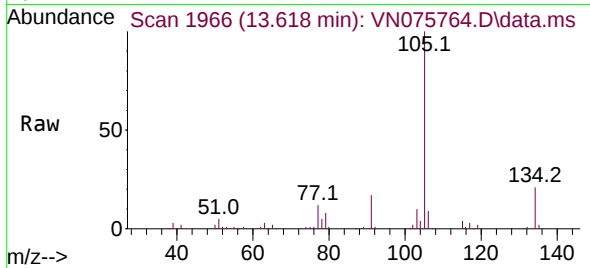
#85
 sec-Butylbenzene
 Concen: 9.657 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075764.D
 Acq: 14 Dec 2022 11:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 132015
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.6

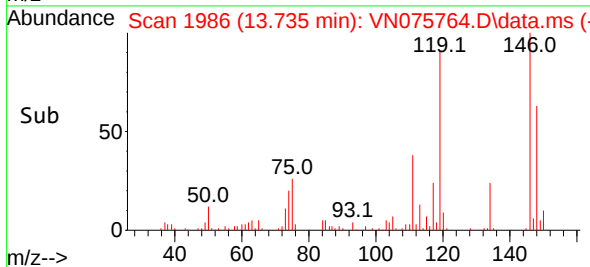
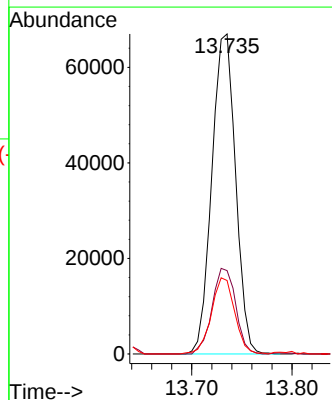
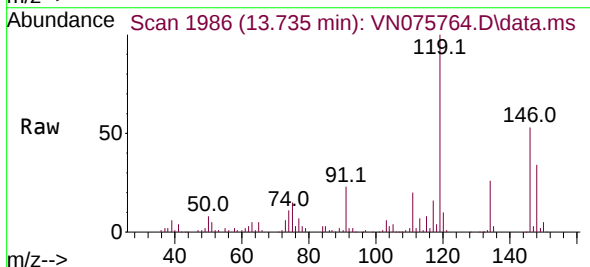
Manual Integrations
 APPROVED

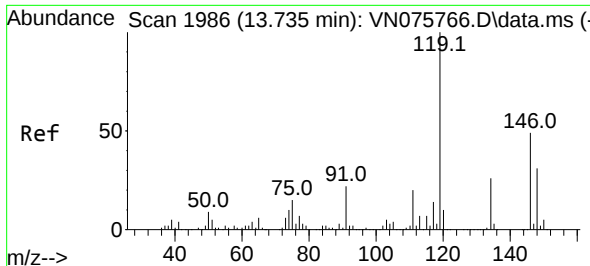
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#86
 p-Isopropyltoluene
 Concen: 9.613 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075764.D
 Acq: 14 Dec 2022 11:20

Tgt Ion:119 Resp: 109963
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 23.5 11.4 34.1





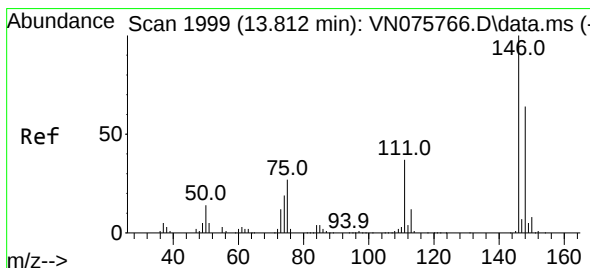
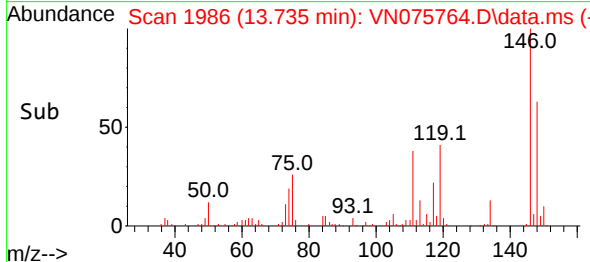
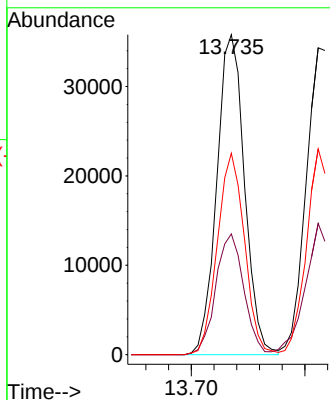
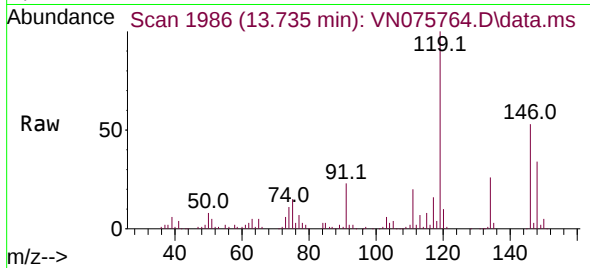
#87
1,3-Dichlorobenzene
Concen: 9.849 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 6075
Ion Ratio Lower Upper
146 100
111 38.3 19.8 59.3
148 61.7 32.1 96.3

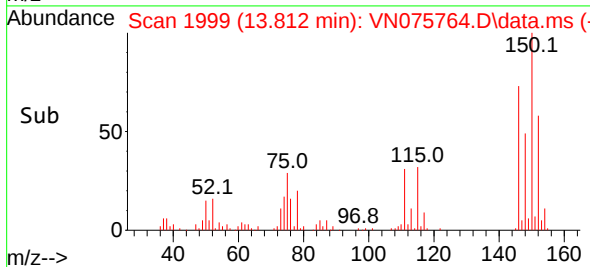
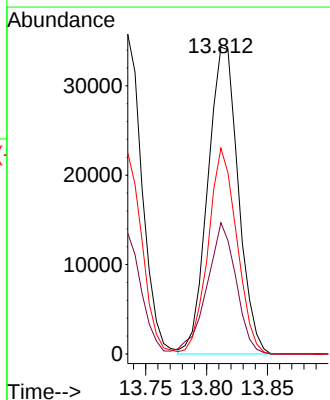
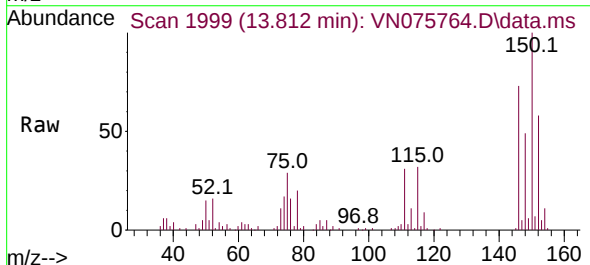
Manual Integrations
APPROVED

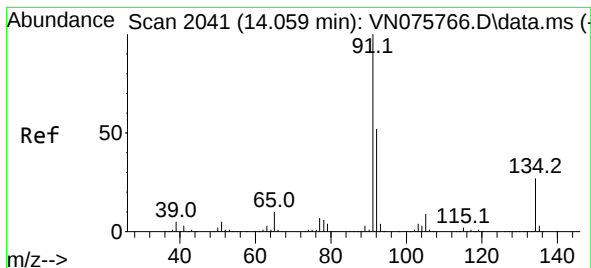
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#88
1,4-Dichlorobenzene
Concen: 9.543 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion:146 Resp: 59876
Ion Ratio Lower Upper
146 100
111 41.0 19.1 57.1
148 63.0 32.1 96.3





#89

n-Butylbenzene

Concen: 9.053 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 8299

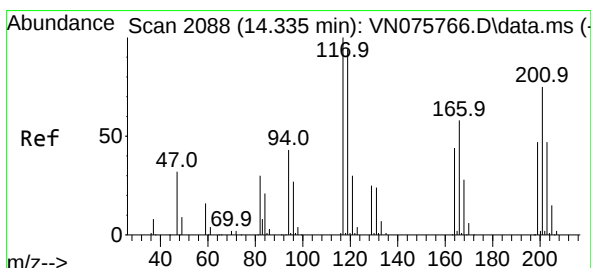
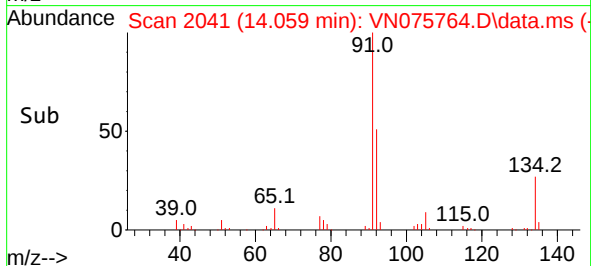
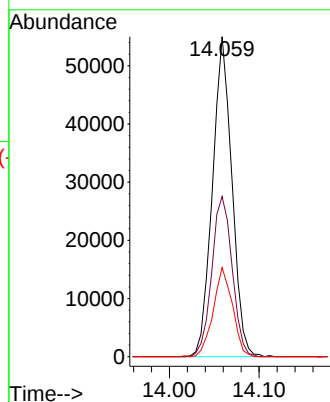
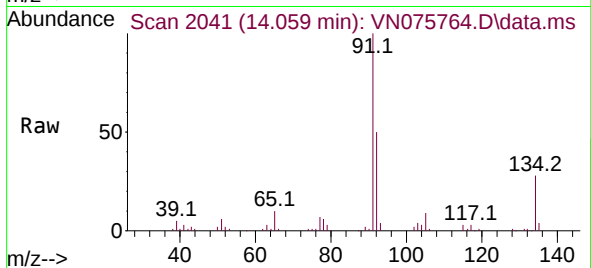
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.7	80.1
134	27.4	13.9	41.7

Manual Integrations

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#90

Hexachloroethane

Concen: 9.495 ug/l

RT: 14.335 min Scan# 2088

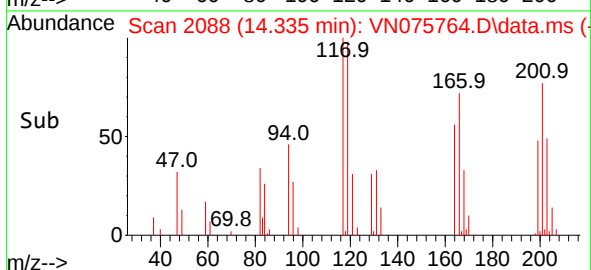
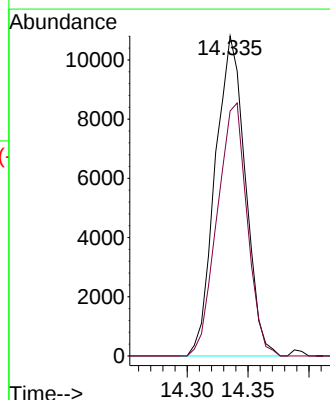
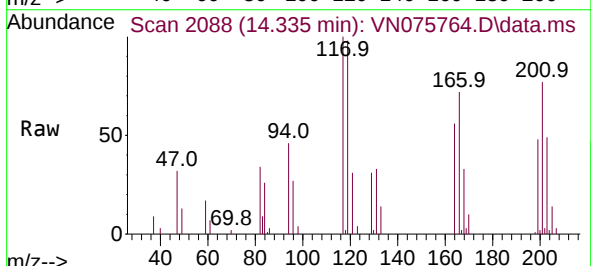
Delta R.T. 0.000 min

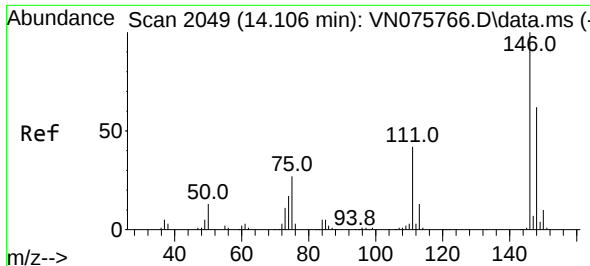
Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

Tgt Ion:117 Resp: 18603

Ion	Ratio	Lower	Upper
117	100		
201	78.8	39.2	117.6





#91

1,2-Dichlorobenzene

Concen: 9.934 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.006 min

Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:146 Resp: 60978

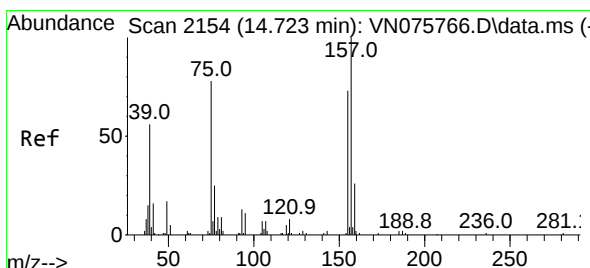
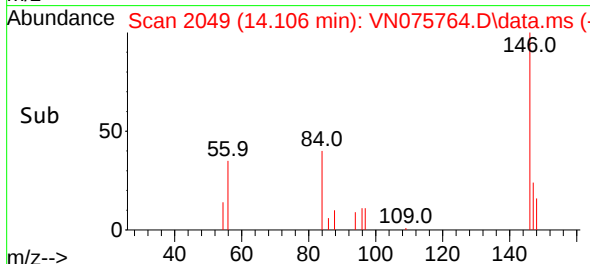
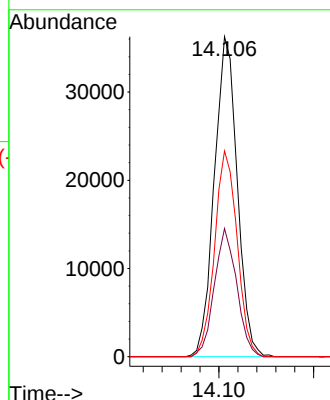
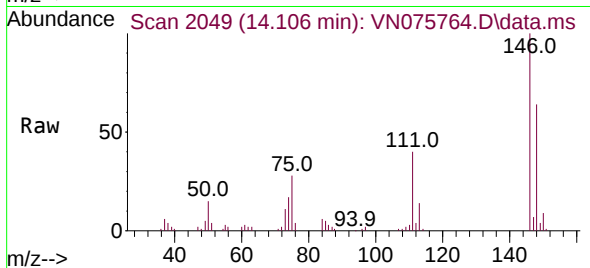
Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.1	60.3
148	63.2	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carbone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.452 ug/l

RT: 14.723 min Scan# 2154

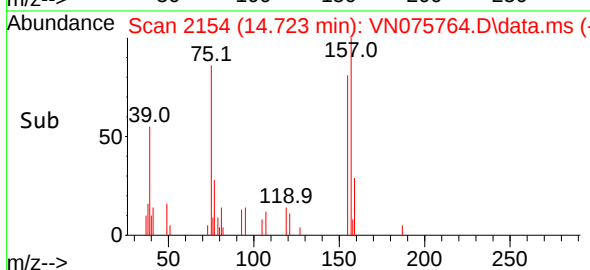
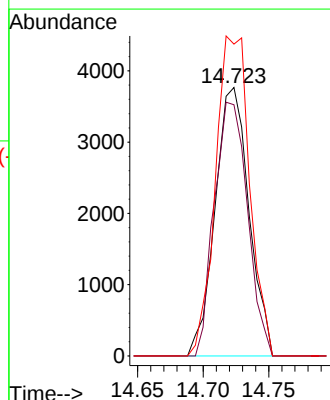
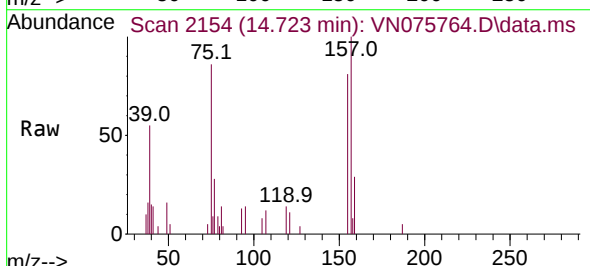
Delta R.T. 0.006 min

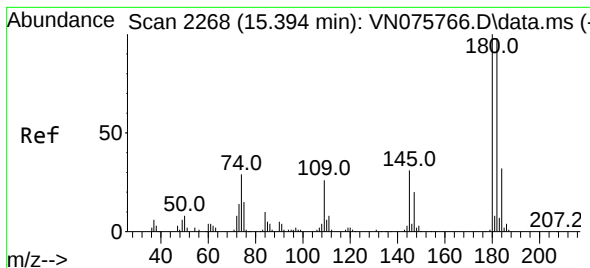
Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

Tgt Ion: 75 Resp: 6767

Ion	Ratio	Lower	Upper
75	100		
155	92.6	48.4	145.2
157	120.3	63.5	190.6





#93

1,2,4-Trichlorobenzene

Concen: 9.154 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

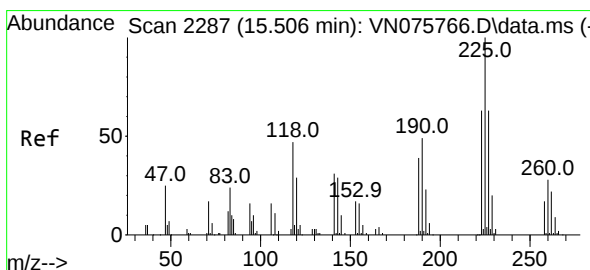
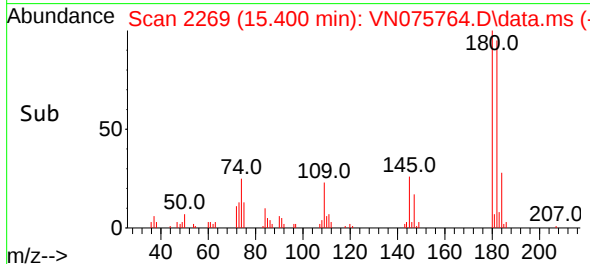
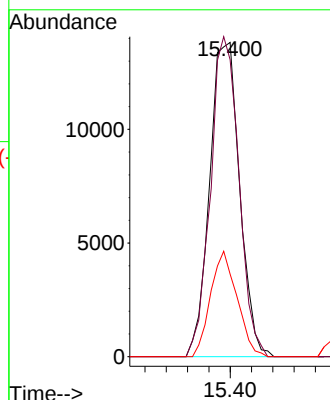
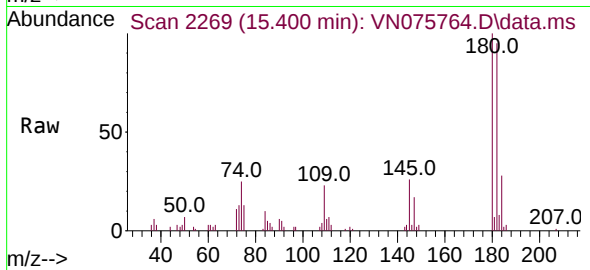
Tgt Ion:180	Resp:	2697
Ion Ratio	Lower	Upper
180	100	
182	96.6	47.1 141.3
145	29.7	15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#94

Hexachlorobutadiene

Concen: 9.174 ug/l

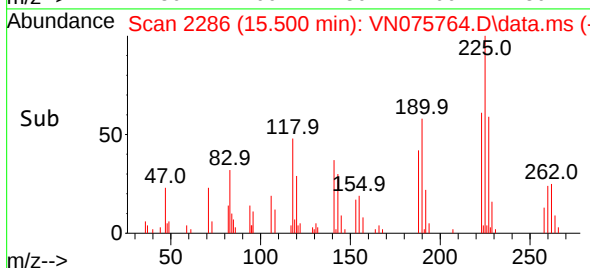
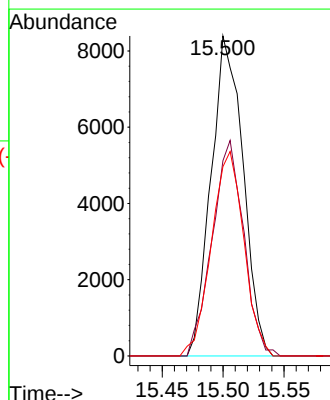
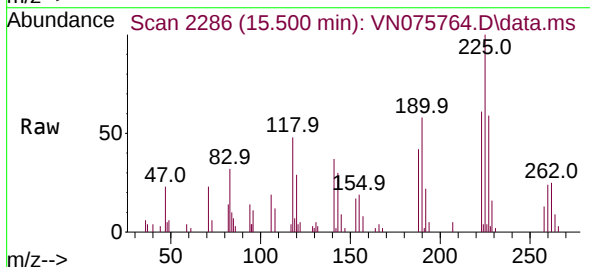
RT: 15.500 min Scan# 2286

Delta R.T. -0.006 min

Lab File: VN075764.D

Acq: 14 Dec 2022 11:20

Tgt Ion:225	Resp:	15339
Ion Ratio	Lower	Upper
225	100	
223	66.3	31.4 94.2
227	64.8	31.3 93.9





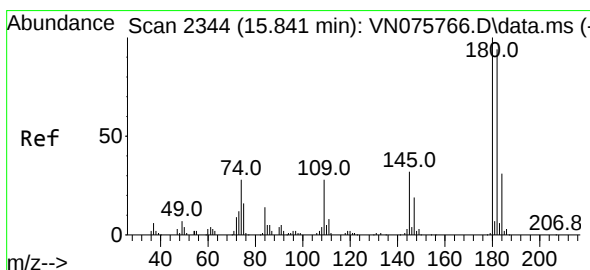
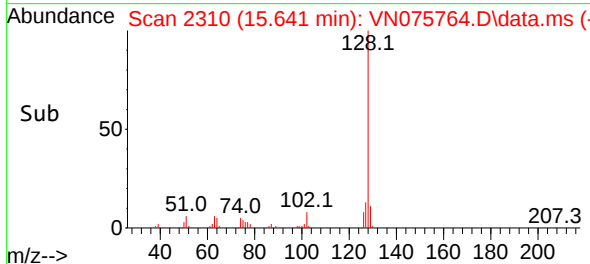
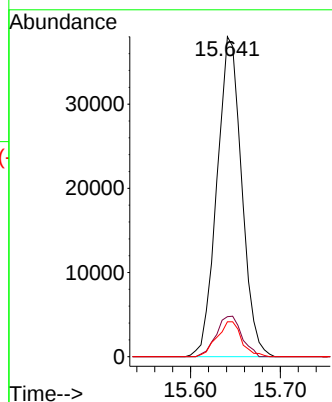
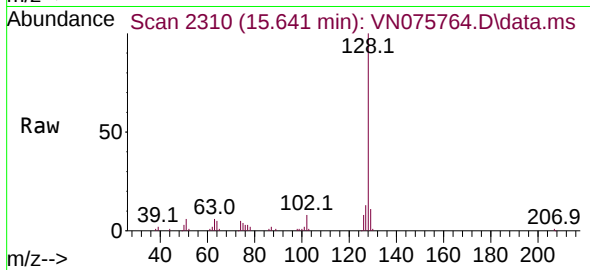
#95
Naphthalene
Concen: 8.351 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.006 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 7273
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 9.032 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075764.D
Acq: 14 Dec 2022 11:20

Tgt Ion:180 Resp: 26154
Ion Ratio Lower Upper
180 100
182 94.0 46.8 140.4
145 31.8 15.6 46.8

