

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012323\
 Data File : VN076359.D
 Acq On : 23 Jan 2023 12:12
 Operator : JC\MD
 Sample : VN0123MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0123MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2023
 Supervised By : Mahesh Dadoda 01/25/2023

Quant Time: Jan 23 13:00:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	332526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	541390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	482388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	203855	54.752	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.500%			
35) Dibromofluoromethane	8.177	113	172987	51.080	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.160%			
50) Toluene-d8	10.571	98	643960	51.487	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.980%			
62) 4-Bromofluorobenzene	12.853	95	217185	53.192	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	61767	18.126	ug/l	92
3) Chloromethane	2.377	50	67788	19.214	ug/l	95
4) Vinyl Chloride	2.530	62	88712	20.506	ug/l	99
5) Bromomethane	2.971	94	71221	20.103	ug/l	96
6) Chloroethane	3.130	64	65768	20.274	ug/l	97
7) Trichlorofluoromethane	3.518	101	110494	18.565	ug/l	96
8) Diethyl Ether	3.977	74	41834	20.956	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	63590	18.873	ug/l	98
10) Methyl Iodide	4.600	142	94136	18.291	ug/l	97
11) Tert butyl alcohol	5.536	59	41560	83.453	ug/l #	87
12) 1,1-Dichloroethene	4.359	96	58829	18.471	ug/l	90
13) Acrolein	4.189	56	61991	104.087	ug/l	100
14) Allyl chloride	5.042	41	73072	19.687	ug/l	98
15) Acrylonitrile	5.736	53	144156	101.721	ug/l	98
16) Acetone	4.442	43	133095	111.470	ug/l	99
17) Carbon Disulfide	4.730	76	143863	18.141	ug/l	96
18) Methyl Acetate	5.042	43	79508	19.656	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	214488	20.686	ug/l	98
20) Methylene Chloride	5.289	84	69134	19.204	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	60909	17.653	ug/l	92
22) Diisopropyl ether	6.683	45	185539	21.197	ug/l	98
23) Vinyl Acetate	6.612	43	571344	100.998	ug/l	97
24) 1,1-Dichloroethane	6.583	63	113338	19.425	ug/l	98
25) 2-Butanone	7.494	43	182897	100.332	ug/l	96
26) 2,2-Dichloropropane	7.494	77	95405	19.401	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	76809	19.086	ug/l	98
28) Bromochloromethane	7.824	49	55802	23.596	ug/l	94
29) Tetrahydrofuran	7.847	42	118746	105.545	ug/l	97
30) Chloroform	7.971	83	129091	19.996	ug/l	97
31) Cyclohexane	8.265	56	101194	17.693	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	112728	19.125	ug/l	93
36) 1,1-Dichloropropene	8.377	75	89078	18.510	ug/l	98
37) Ethyl Acetate	7.565	43	75742	19.645	ug/l	98
38) Carbon Tetrachloride	8.371	117	105975	19.748	ug/l	94
39) Methylcyclohexane	9.606	83	108245	18.419	ug/l	97
40) Benzene	8.612	78	270425	18.793	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	42865	21.209	ug/l	96
42) 1,2-Dichloroethane	8.677	62	99487	20.207	ug/l	97
43) Isopropyl Acetate	8.694	43	126477	20.142	ug/l	99
44) Trichloroethene	9.359	130	74969	18.421	ug/l	99
45) 1,2-Dichloropropane	9.624	63	66640	19.343	ug/l	100
46) Dibromomethane	9.712	93	51519	19.806	ug/l	100
47) Bromodichloromethane	9.888	83	104388	20.692	ug/l	96
48) Methyl methacrylate	9.682	41	59225	19.923	ug/l	98
49) 1,4-Dioxane	9.700	88	24212	385.994	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	383971	104.165	ug/l	98
52) Toluene	10.635	92	180081	18.714	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	101203	21.043	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	112574	20.346	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	71589	19.463	ug/l	98
56) Ethyl methacrylate	10.877	69	98474	20.737	ug/l	98
57) 1,3-Dichloropropane	11.165	76	118606	19.843	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	141023	87.969	ug/l	99
59) 2-Hexanone	11.200	43	273805	102.502	ug/l	98
60) Dibromochloromethane	11.359	129	85903	22.186	ug/l	98
61) 1,2-Dibromoethane	11.471	107	71370	19.439	ug/l	100
64) Tetrachloroethene	11.106	164	75129	17.270	ug/l	97
65) Chlorobenzene	11.894	112	191485	18.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	75972	20.024	ug/l	99
67) Ethyl Benzene	11.965	91	338908	19.419	ug/l	98
68) m/p-Xylenes	12.071	106	270809	38.698	ug/l	100
69) o-Xylene	12.400	106	131737	19.169	ug/l	98
70) Styrene	12.412	104	214920	19.586	ug/l	99
71) Bromoform	12.582	173	61802	22.556	ug/l #	100
73) Isopropylbenzene	12.700	105	345168	19.871	ug/l	100
74) N-amyl acetate	12.500	43	99757	19.965	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	99829	19.991	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	88018m	20.967	ug/l	
77) Bromobenzene	12.982	156	81547	19.740	ug/l	98
78) n-propylbenzene	13.041	91	385145	19.650	ug/l	100
79) 2-Chlorotoluene	13.129	91	230033	19.126	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	287313	19.743	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	29263	21.683	ug/l	99
82) 4-Chlorotoluene	13.129	91	230033	19.126	ug/l	100
83) tert-Butylbenzene	13.441	119	262461	20.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	289173	19.817	ug/l	99
85) sec-Butylbenzene	13.618	105	358059	19.937	ug/l	100
86) p-Isopropyltoluene	13.729	119	297977	20.177	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	151325	18.483	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	148033	19.070	ug/l	99
89) n-Butylbenzene	14.059	91	230435	19.656	ug/l	100
90) Hexachloroethane	14.341	117	55094	21.615	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	144813	17.758	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17570	20.241	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	67662	18.029	ug/l	98
94) Hexachlorobutadiene	15.506	225	38195	17.650	ug/l	97
95) Naphthalene	15.647	128	196775	18.085	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	67929	18.823	ug/l	99

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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01

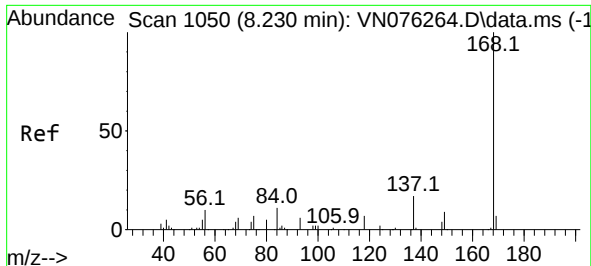
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

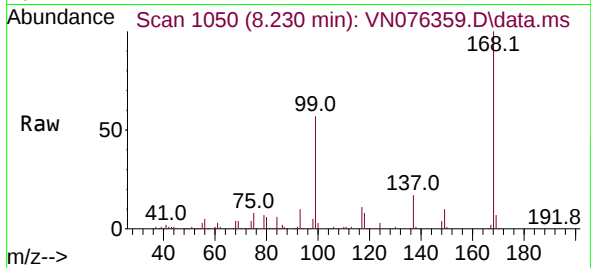
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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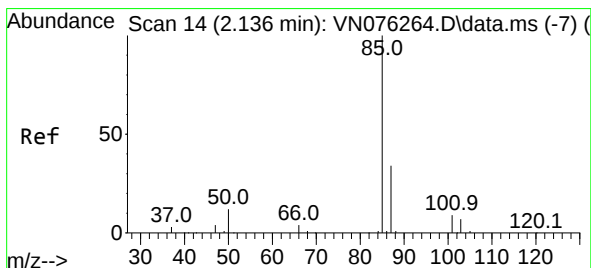
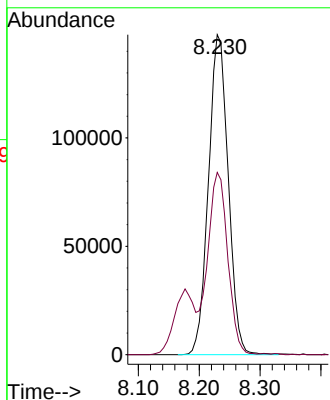
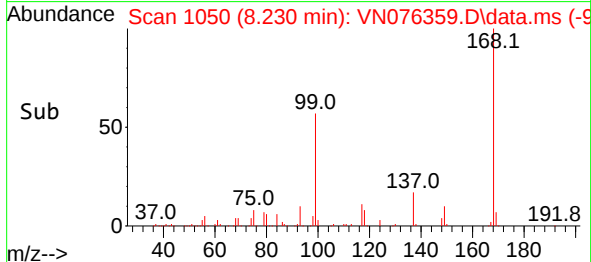
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01



Tgt Ion:168 Resp: 332520
Ion Ratio Lower Upper
168 100
99 56.6 41.6 62.4

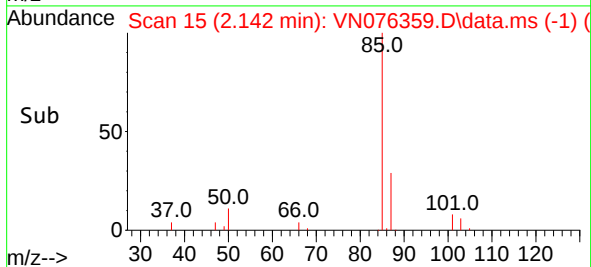
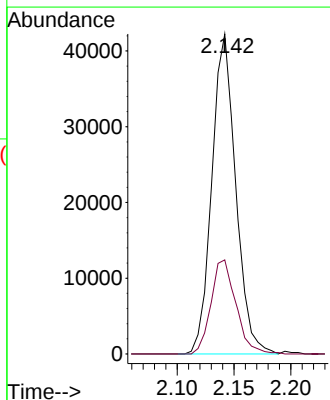
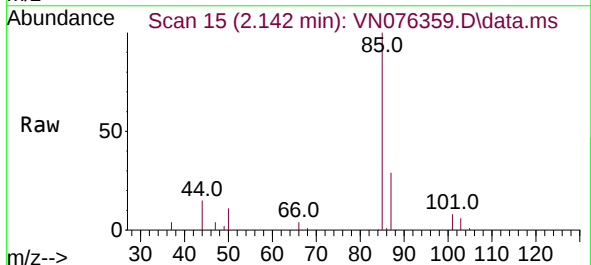
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Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#2
Dichlorodifluoromethane
Concen: 18.126 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Tgt Ion: 85 Resp: 61767
Ion Ratio Lower Upper
85 100
87 29.4 17.1 51.2





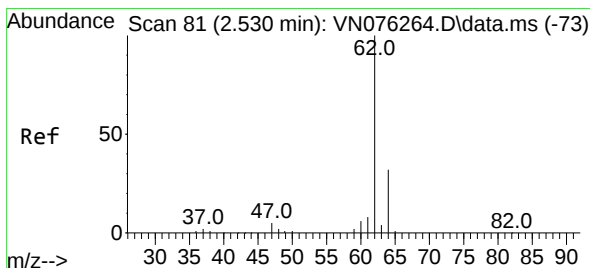
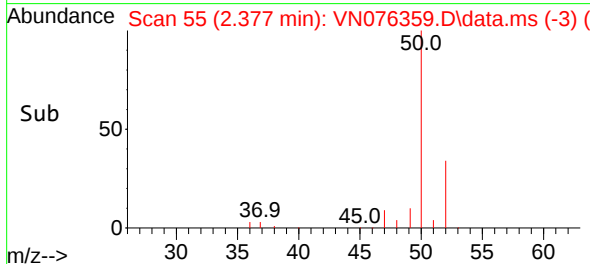
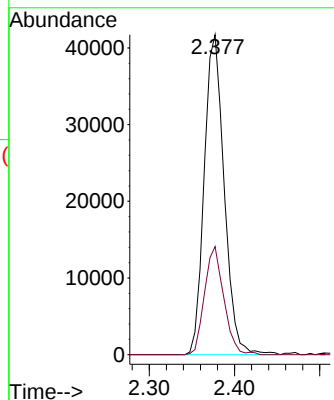
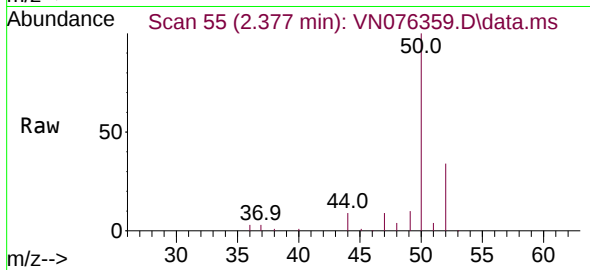
#3
Chloromethane
Concen: 19.214 ug/l
RT: 2.377 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Instrument :
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ClientSampleId :
VN0123MBS01

Tgt Ion: 50 Resp: 6778
Ion Ratio Lower Upper
50 100
52 33.8 24.8 37.2

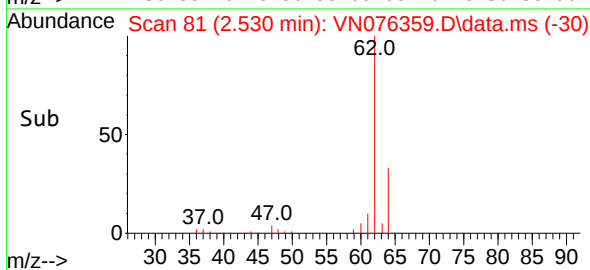
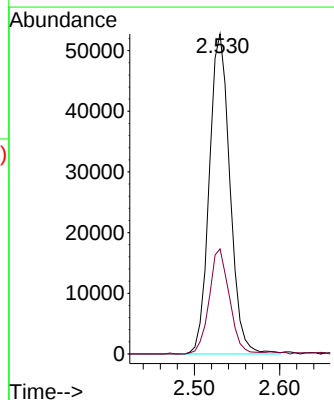
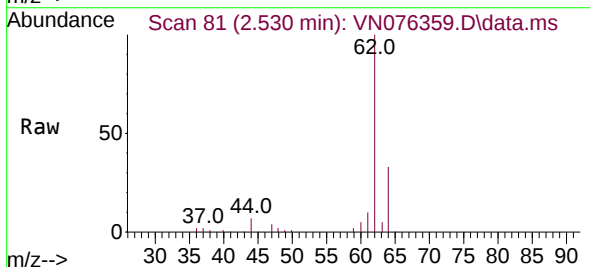
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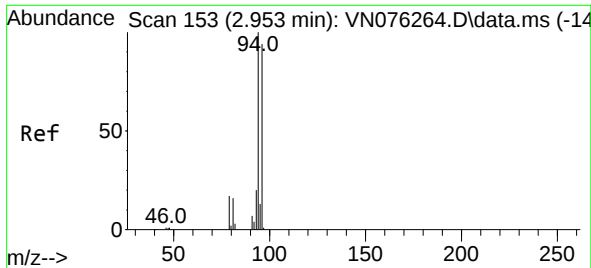
Reviewed By :John Carlone 01/23/2023
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#4
Vinyl Chloride
Concen: 20.506 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

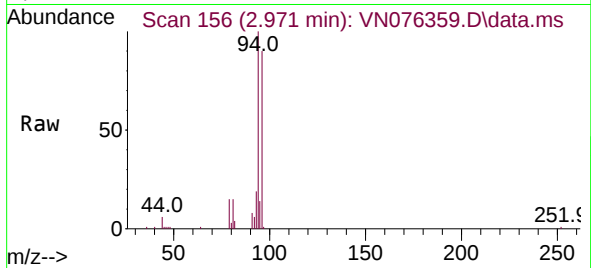
Tgt Ion: 62 Resp: 88712
Ion Ratio Lower Upper
62 100
64 32.9 25.8 38.6





#5
Bromomethane
Concen: 20.103 ug/l
RT: 2.971 min Scan# 156
Delta R.T. 0.018 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

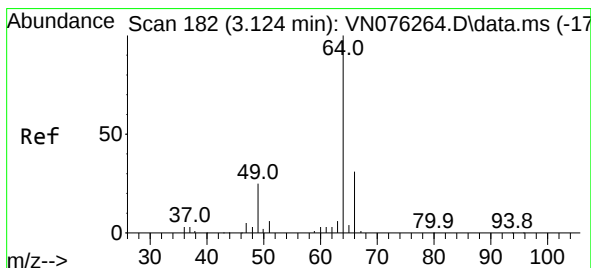
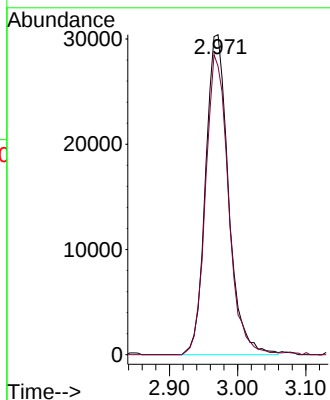
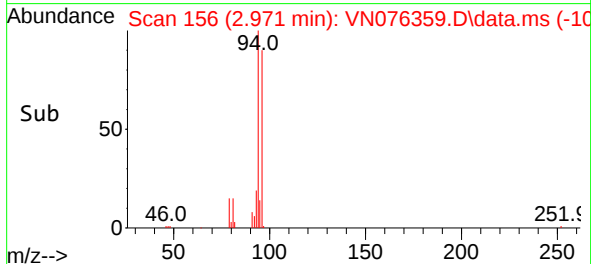
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 7122
Ion Ratio Lower Upper
94 100
96 90.1 75.1 112.7

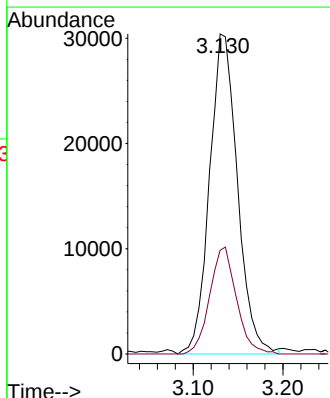
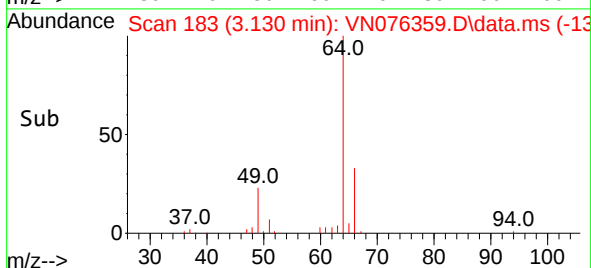
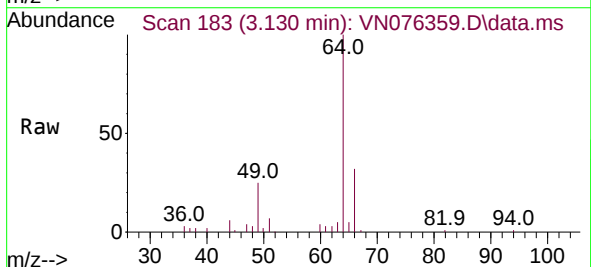
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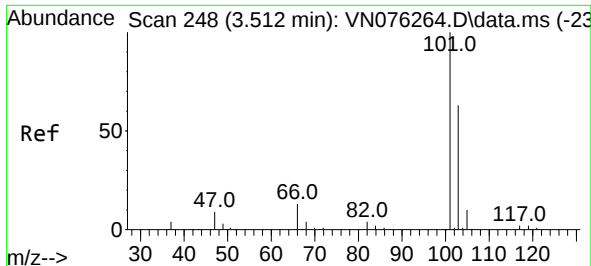
Reviewed By :John Carlone 01/23/2023
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#6
Chloroethane
Concen: 20.274 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Tgt Ion: 64 Resp: 65768
Ion Ratio Lower Upper
64 100
66 32.4 24.8 37.2





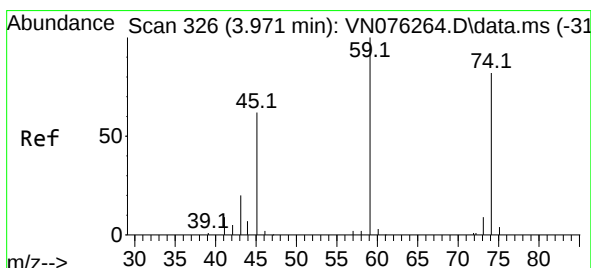
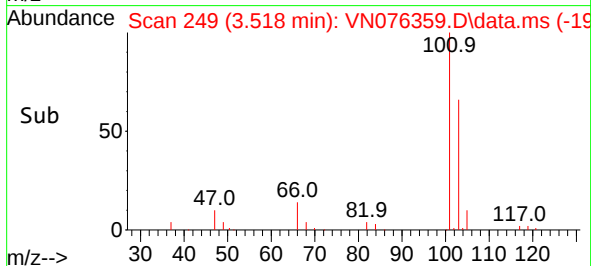
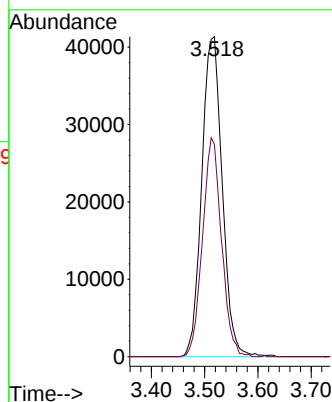
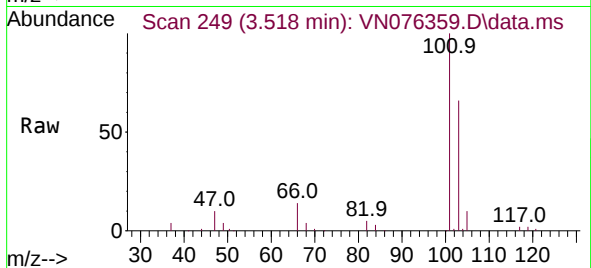
#7
Trichlorofluoromethane
Concen: 18.565 ug/l
RT: 3.518 min Scan# 248
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01

Tgt Ion:101 Resp: 110494
Ion Ratio Lower Upper
101 100
103 66.3 50.2 75.4

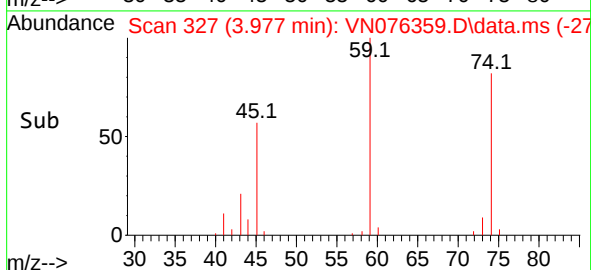
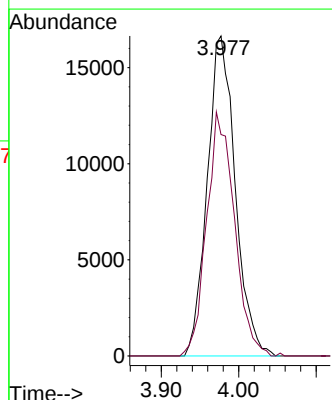
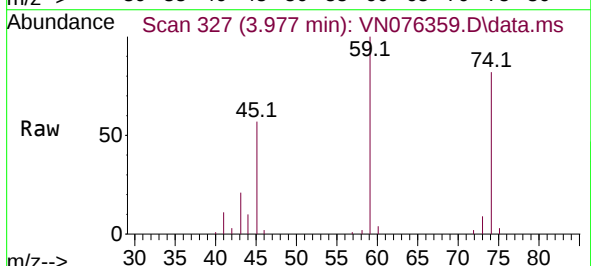
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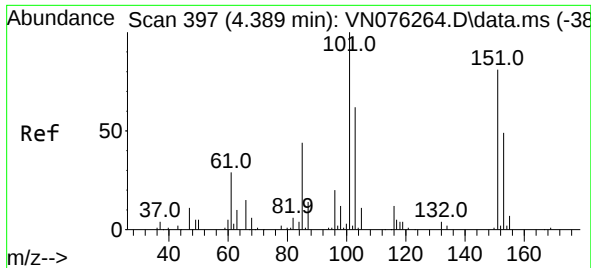
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#8
Diethyl Ether
Concen: 20.956 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Tgt Ion: 74 Resp: 41834
Ion Ratio Lower Upper
74 100
45 75.5 37.8 113.3





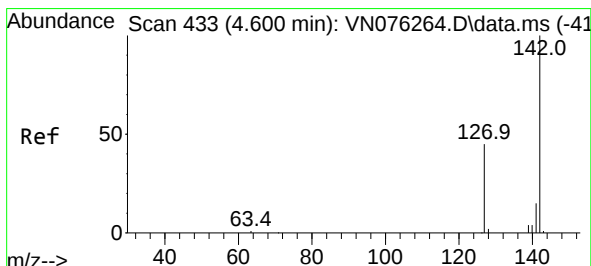
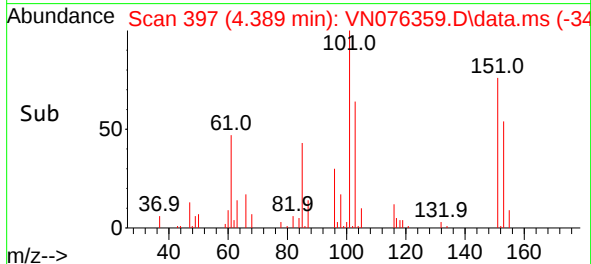
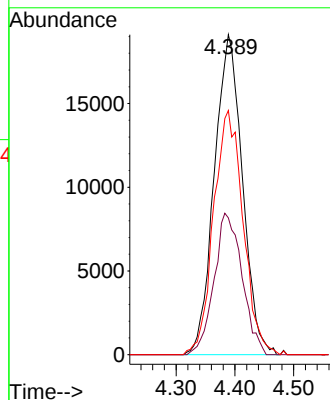
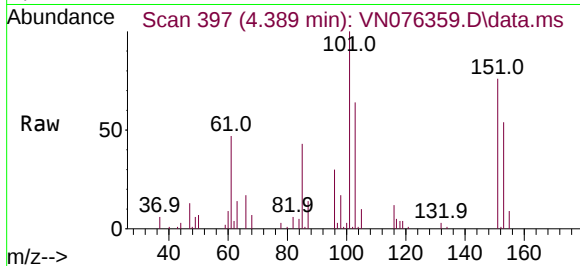
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.873 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01

Tgt Ion:101 Resp: 63590
Ion Ratio Lower Upper
101 100
85 44.0 35.5 53.3
151 80.0 65.5 98.3

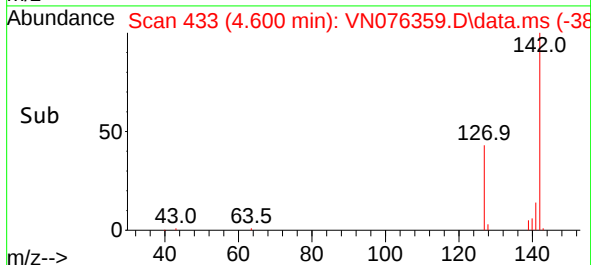
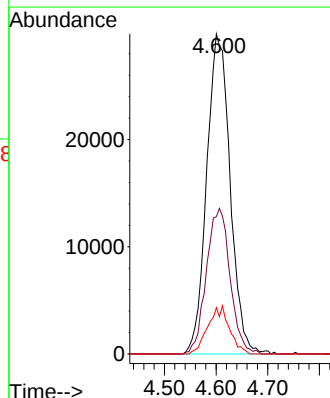
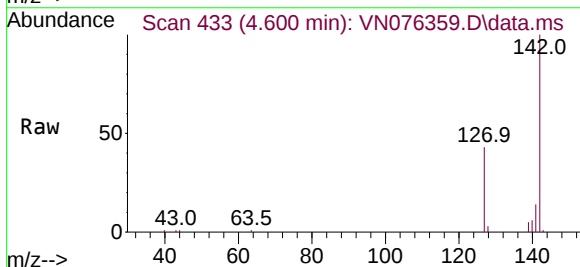
Manual Integrations
APPROVED

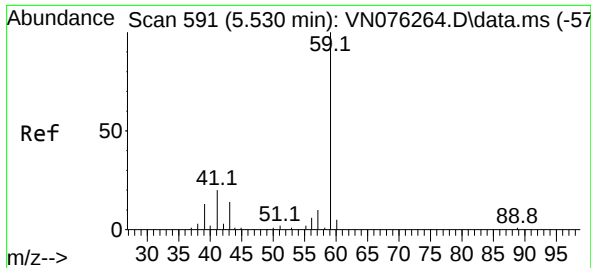
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#10
Methyl Iodide
Concen: 18.291 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

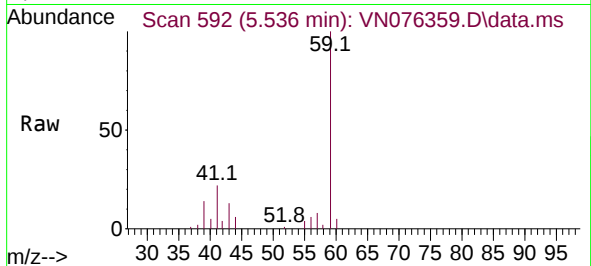
Tgt Ion:142 Resp: 94136
Ion Ratio Lower Upper
142 100
127 45.9 35.0 52.4
141 13.7 11.5 17.3





#11
Tert butyl alcohol
Concen: 83.453 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

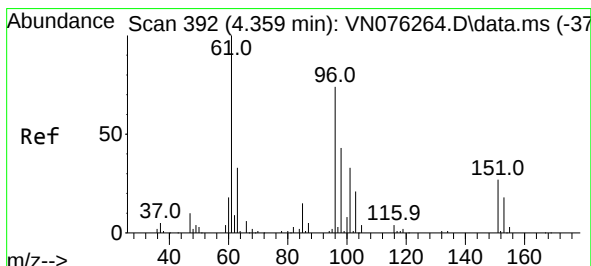
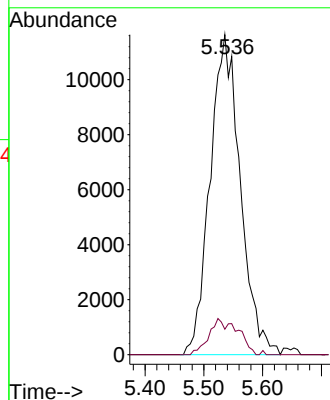
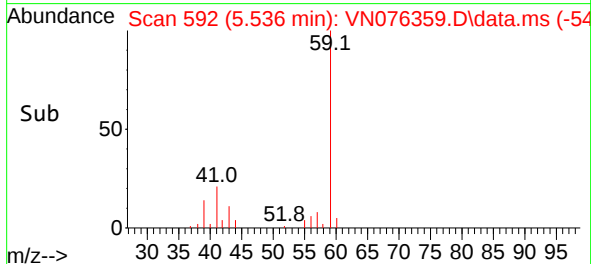
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01



Tgt Ion: 59 Resp: 41560
Ion Ratio Lower Upper
59 100
57 5.9 8.5 12.7

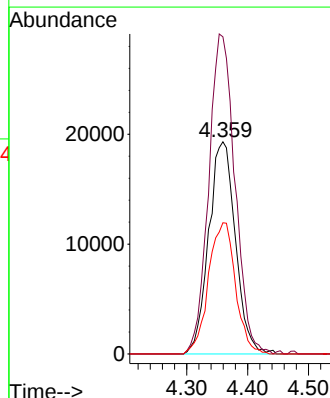
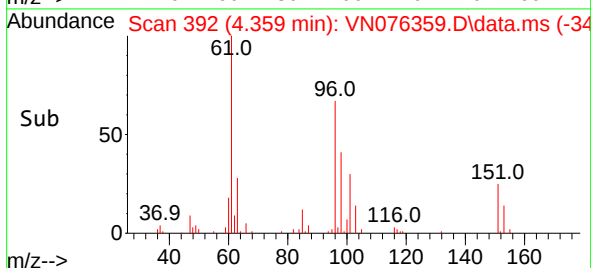
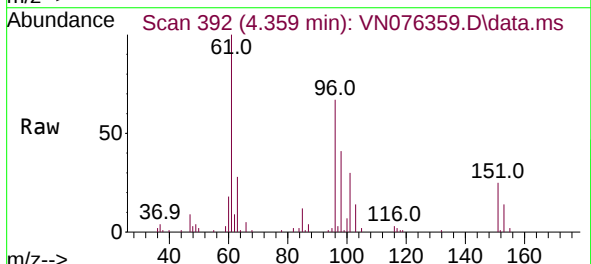
Manual Integrations
APPROVED

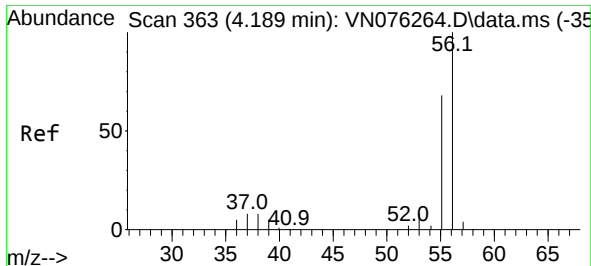
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#12
1,1-Dichloroethene
Concen: 18.471 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

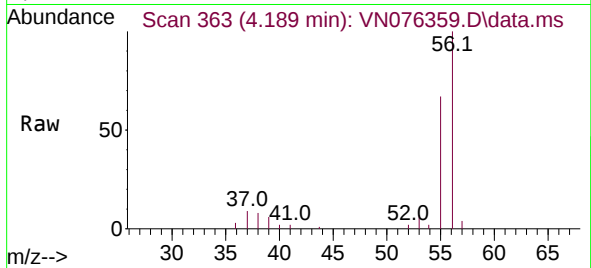
Tgt Ion: 96 Resp: 58829
Ion Ratio Lower Upper
96 100
61 149.5 108.2 162.4
98 61.8 47.0 70.6





#13
Acrolein
Concen: 104.087 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

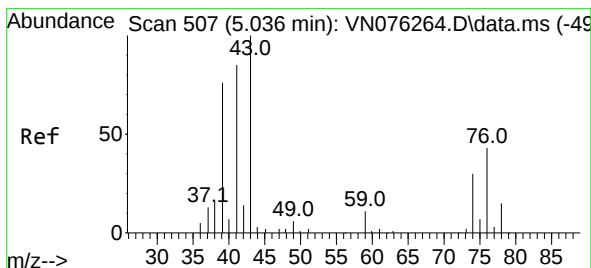
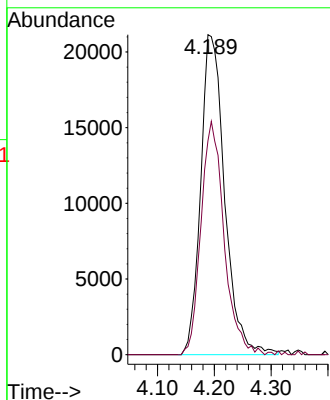
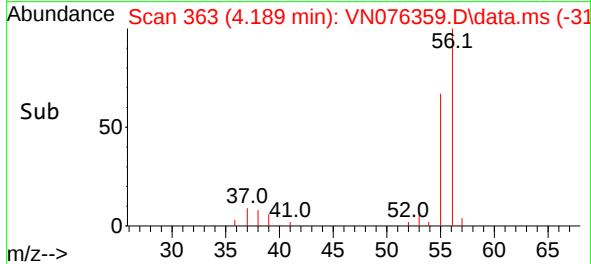
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01



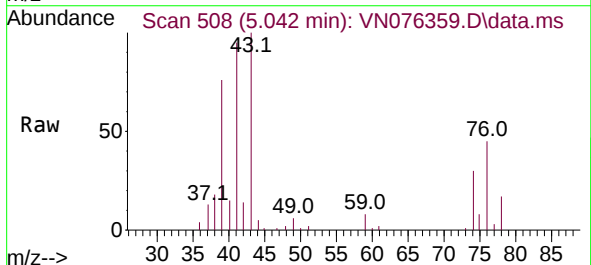
Tgt Ion: 56 Resp: 6199
Ion Ratio Lower Upper
56 100
55 70.0 55.8 83.6

Manual Integrations
APPROVED

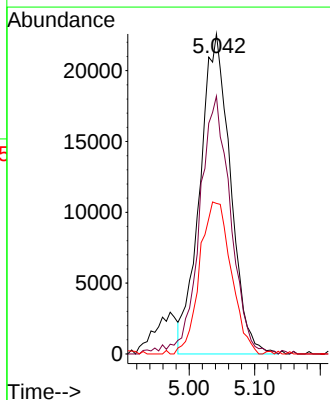
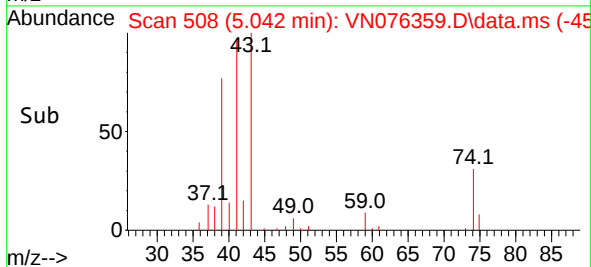
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

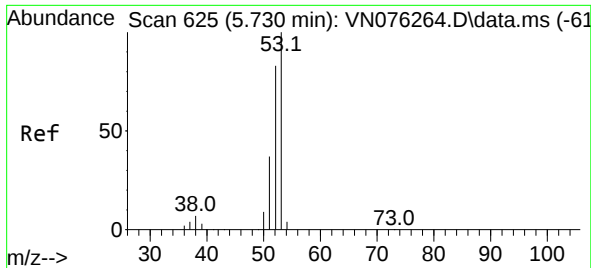


#14
Allyl chloride
Concen: 19.687 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12



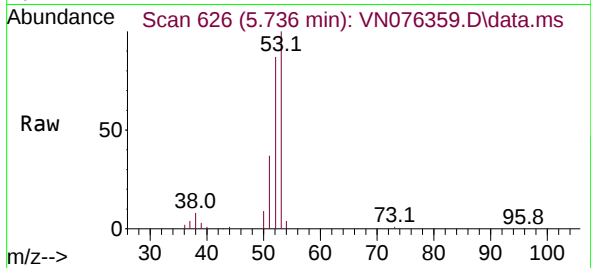
Tgt Ion: 41 Resp: 73072
Ion Ratio Lower Upper
41 100
39 82.1 67.4 101.0
76 48.9 39.8 59.8





#15
Acrylonitrile
Concen: 101.721 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

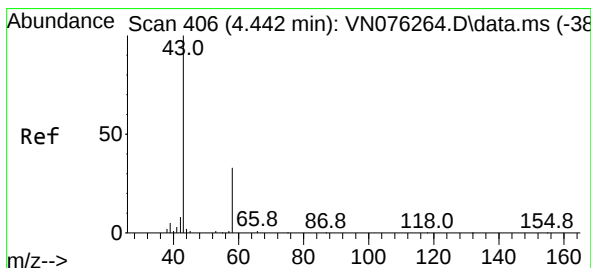
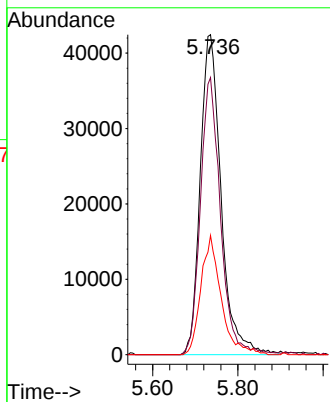
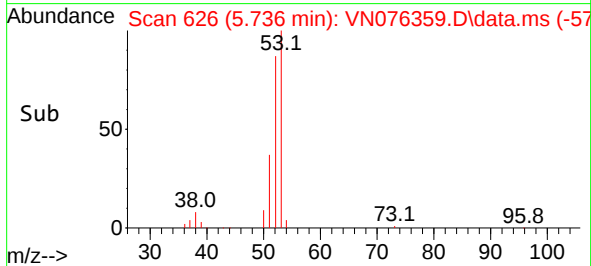
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01



Tgt Ion: 53 Resp: 144150
Ion Ratio Lower Upper
53 100
52 83.5 64.7 97.1
51 36.3 29.2 43.8

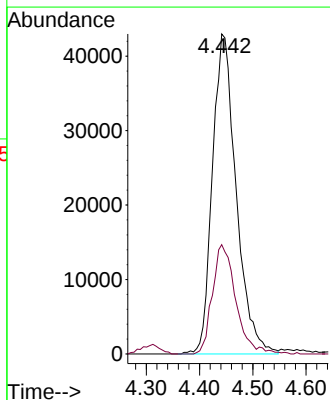
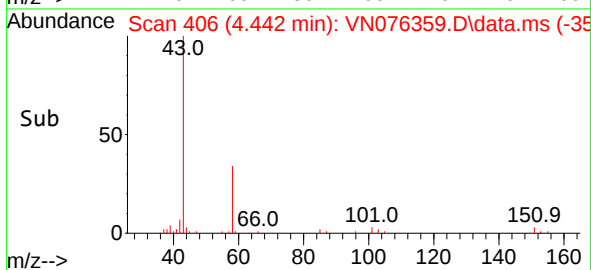
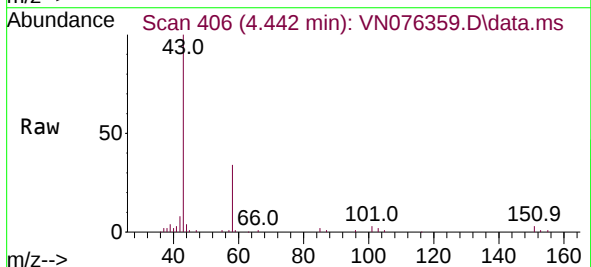
Manual Integrations
APPROVED

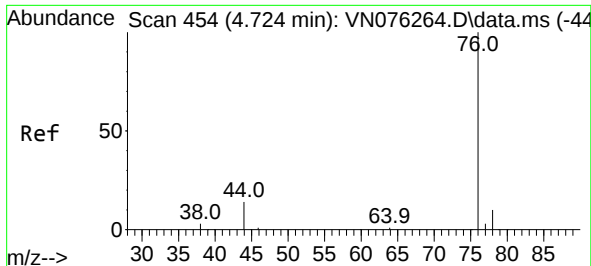
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#16
Acetone
Concen: 111.470 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Tgt Ion: 43 Resp: 133095
Ion Ratio Lower Upper
43 100
58 34.2 26.7 40.1





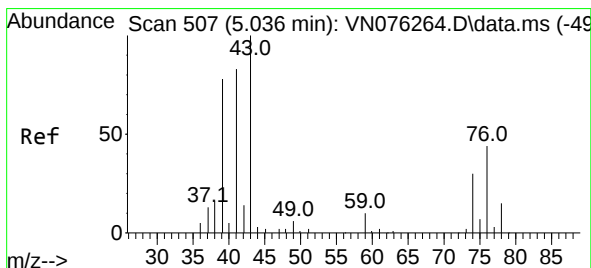
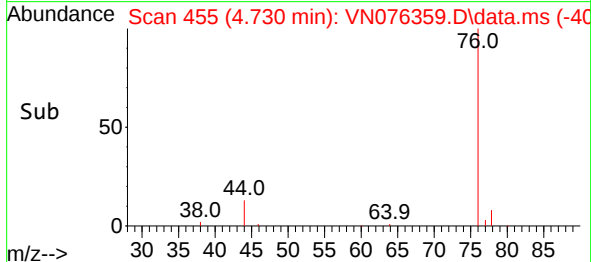
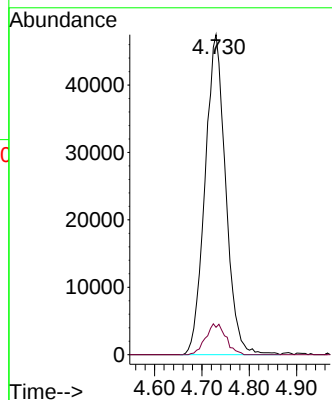
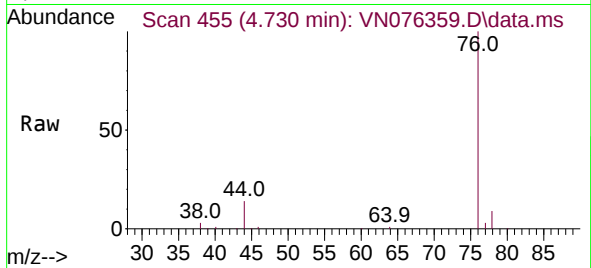
#17
Carbon Disulfide
Concen: 18.141 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01

Tgt Ion: 76 Resp: 14386
Ion Ratio Lower Upper
76 100
78 8.5 8.0 12.0

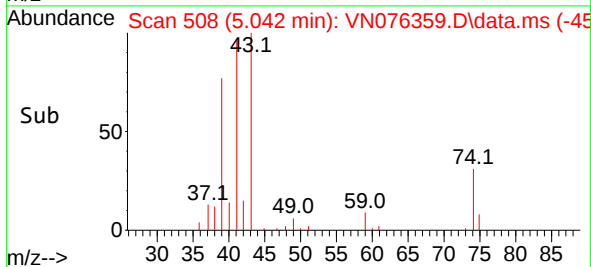
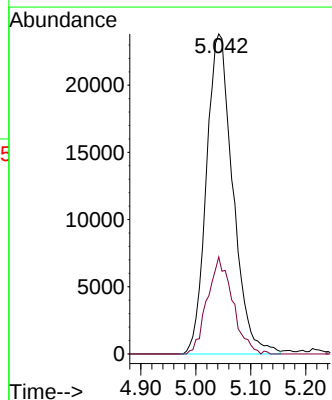
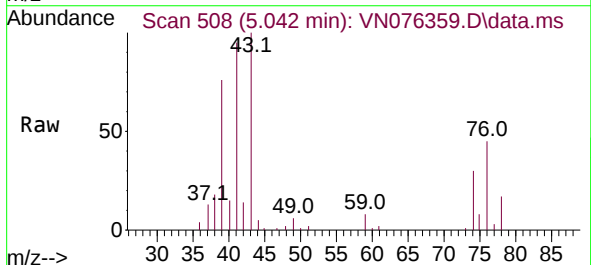
Manual Integrations
APPROVED

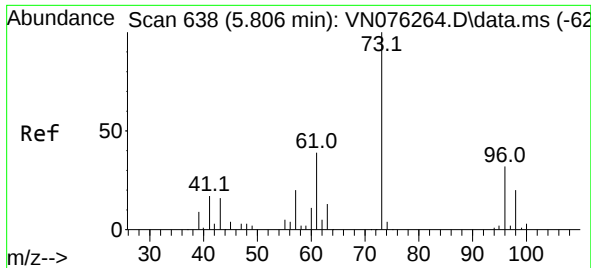
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#18
Methyl Acetate
Concen: 19.656 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Tgt Ion: 43 Resp: 79508
Ion Ratio Lower Upper
43 100
74 28.9 23.3 34.9





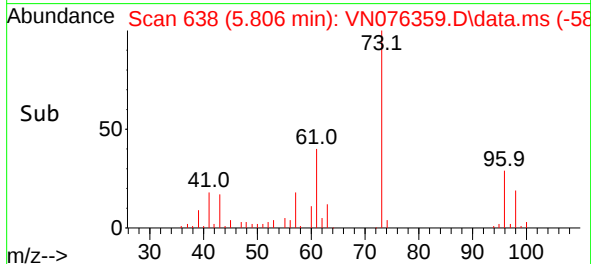
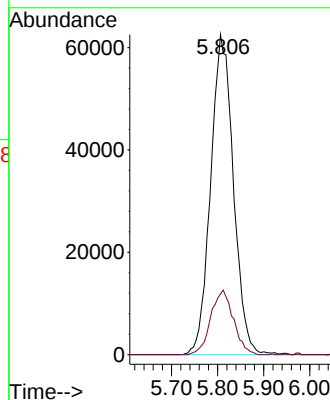
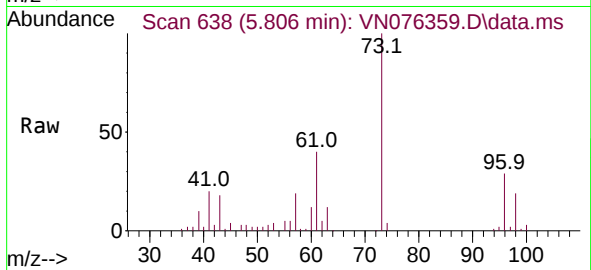
#19
Methyl tert-butyl Ether
Concen: 20.686 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01

Tgt Ion: 73 Resp: 21448
Ion Ratio Lower Upper
73 100
57 19.0 15.9 23.9

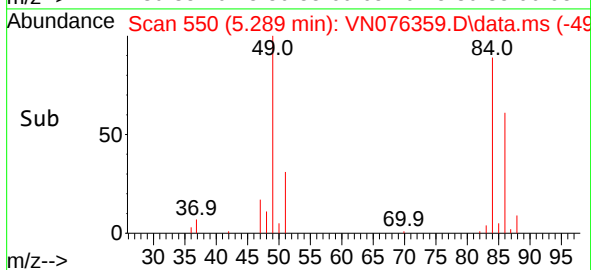
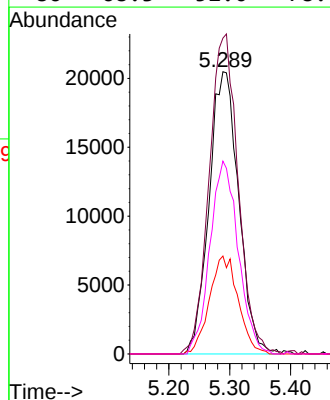
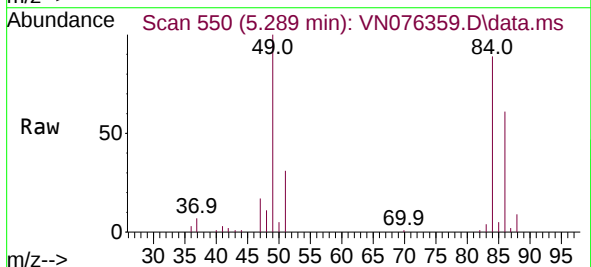
Manual Integrations
APPROVED

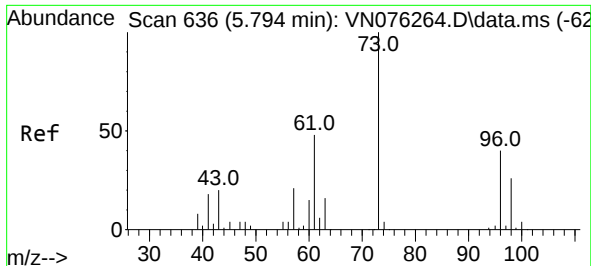
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#20
Methylene Chloride
Concen: 19.204 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

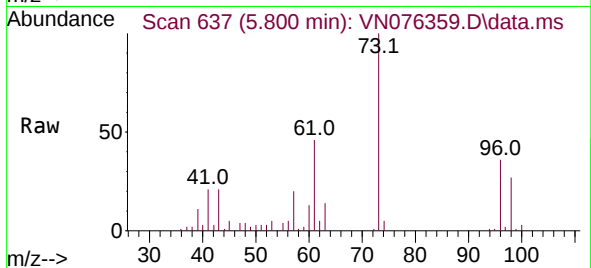
Tgt Ion: 84 Resp: 69134
Ion Ratio Lower Upper
84 100
49 112.0 84.5 126.7
51 34.7 26.0 39.0
86 68.3 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 17.653 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

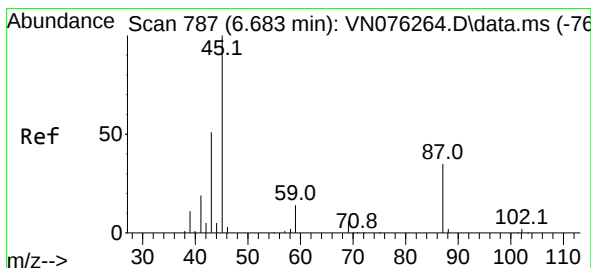
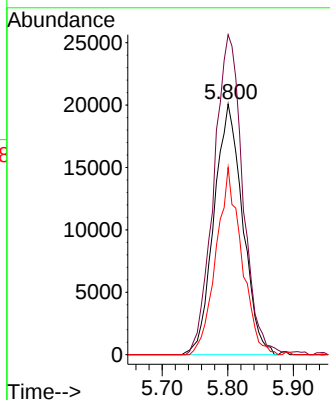
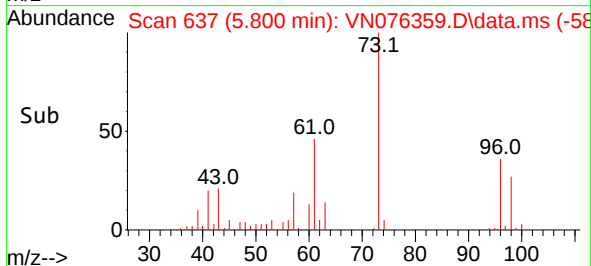
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01



Tgt Ion: 96 Resp: 60909
Ion Ratio Lower Upper
96 100
61 127.6 97.0 145.4
98 74.7 51.9 77.9

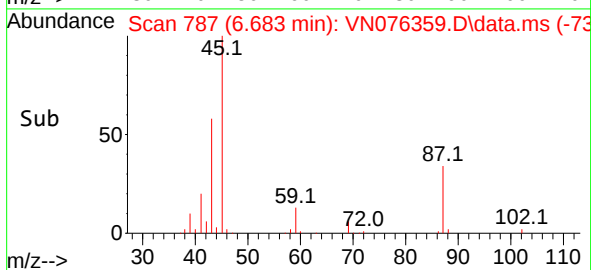
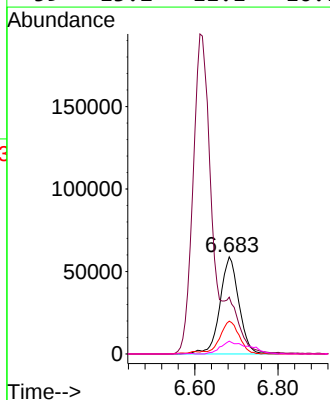
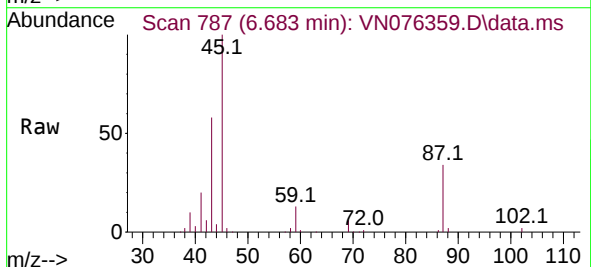
Manual Integrations
APPROVED

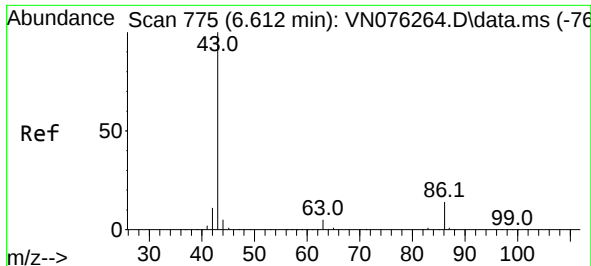
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#22
Diisopropyl ether
Concen: 21.197 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

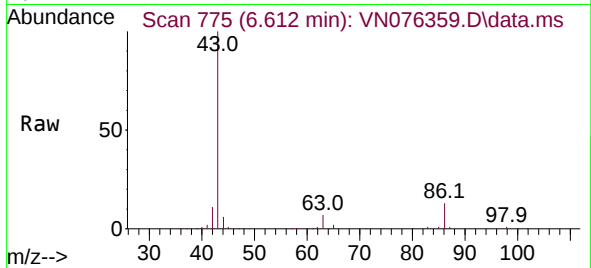
Tgt Ion: 45 Resp: 185539
Ion Ratio Lower Upper
45 100
43 56.8 44.4 66.6
87 33.9 28.4 42.6
59 13.2 11.1 16.7





#23
 Vinyl Acetate
 Concen: 100.998 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076359.D
 Acq: 23 Jan 2023 12:12

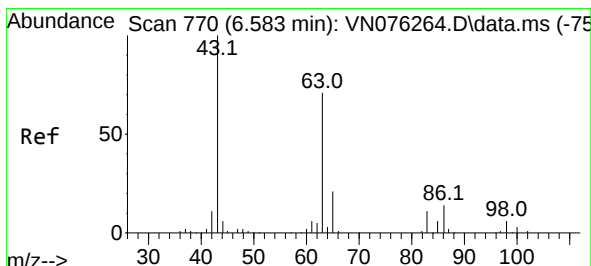
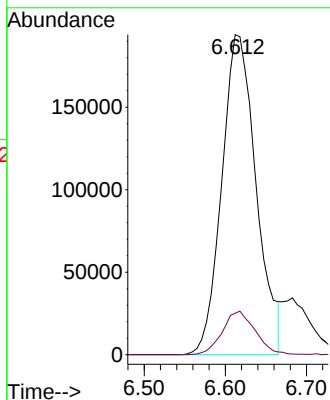
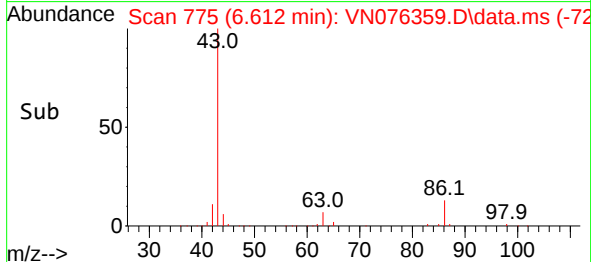
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0123MBSD01



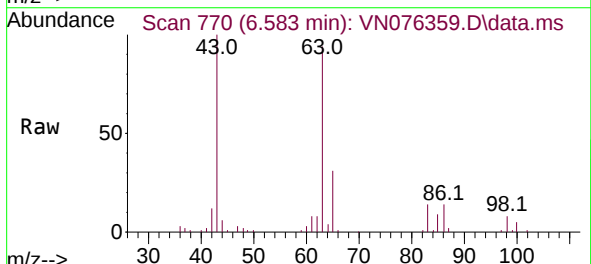
Tgt Ion: 43 Resp: 571344
 Ion Ratio Lower Upper
 43 100
 86 13.0 11.2 16.8

Manual Integrations
 APPROVED

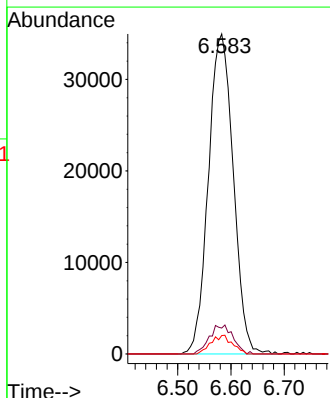
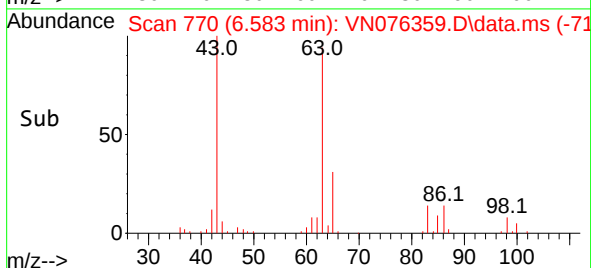
Reviewed By :John Carlone 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023

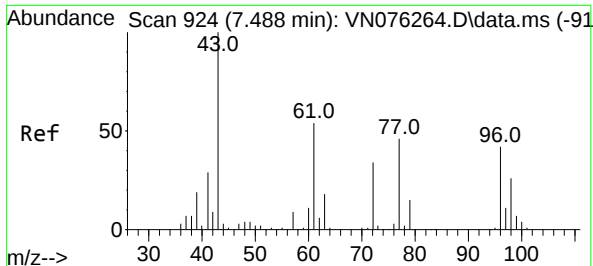


#24
 1,1-Dichloroethane
 Concen: 19.425 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076359.D
 Acq: 23 Jan 2023 12:12



Tgt Ion: 63 Resp: 113338
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 5.7 2.2 6.6





#25

2-Butanone

Concen: 100.332 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076359.D

Acq: 23 Jan 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0123MBS01

Tgt Ion: 43 Resp: 18289

Ion Ratio Lower Upper

43 100

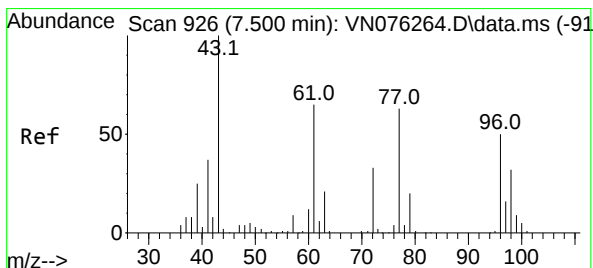
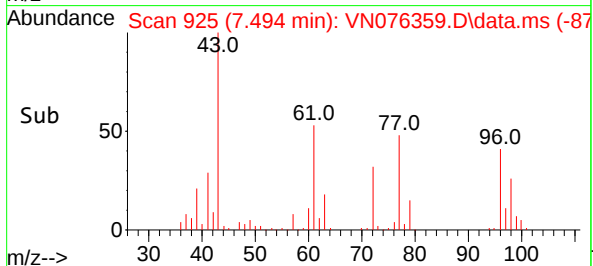
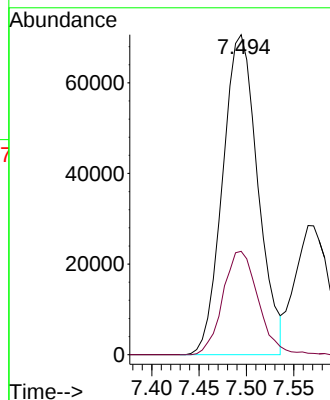
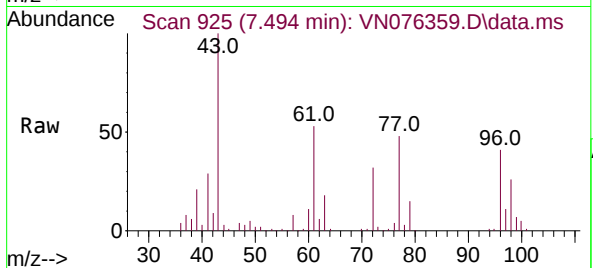
72 32.3 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#26

2,2-Dichloropropane

Concen: 19.401 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN076359.D

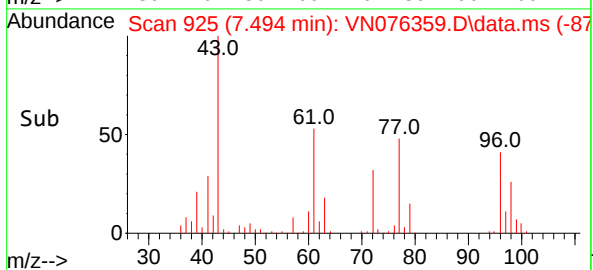
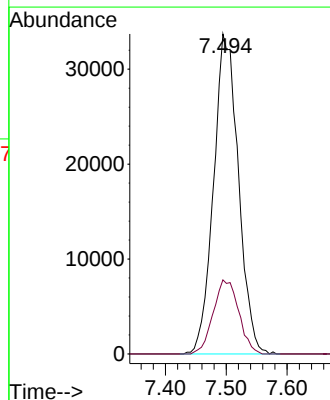
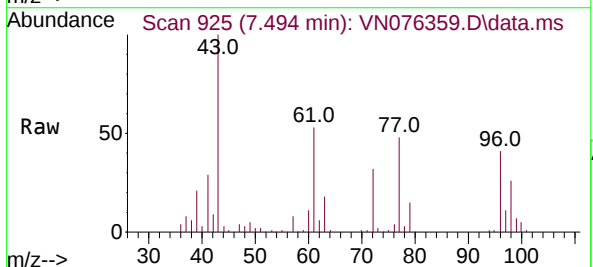
Acq: 23 Jan 2023 12:12

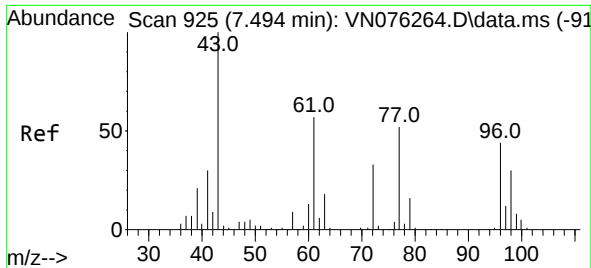
Tgt Ion: 77 Resp: 95405

Ion Ratio Lower Upper

77 100

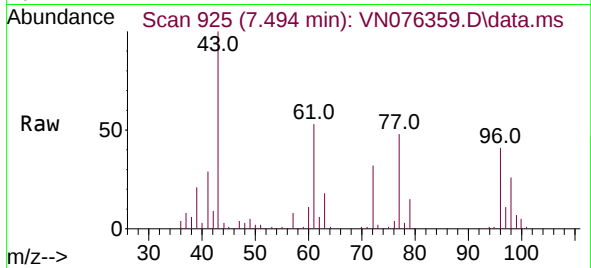
97 23.8 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 19.086 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076359.D
 Acq: 23 Jan 2023 12:12

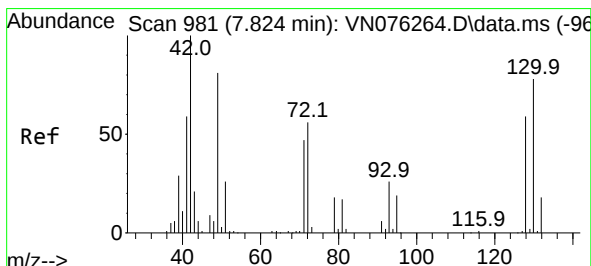
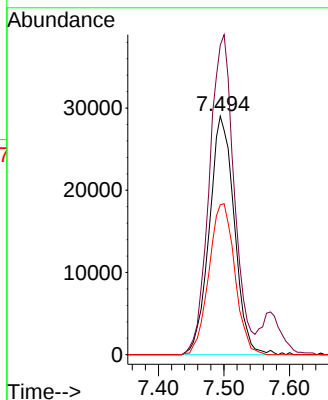
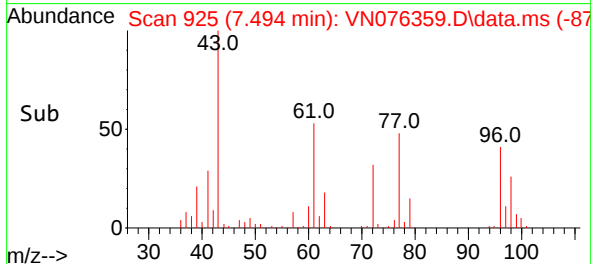
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0123MBSD01



Tgt Ion: 96 Resp: 76809
 Ion Ratio Lower Upper
 96 100
 61 133.2 0.0 259.6
 98 65.4 0.0 129.4

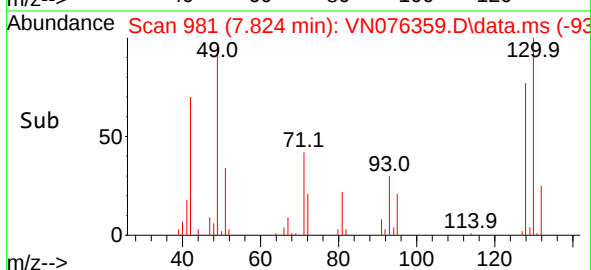
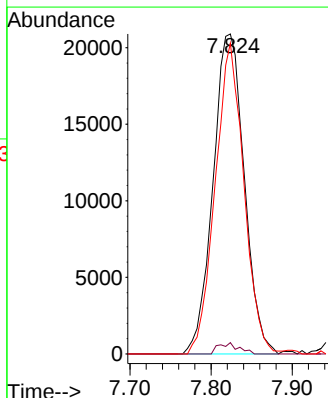
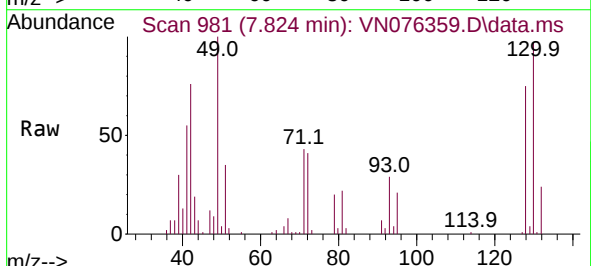
Manual Integrations
 APPROVED

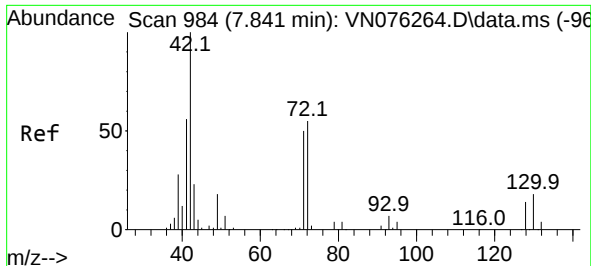
Reviewed By :John Carlone 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023



#28
 Bromochloromethane
 Concen: 23.596 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076359.D
 Acq: 23 Jan 2023 12:12

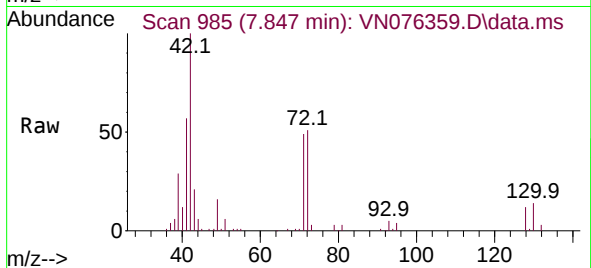
Tgt Ion: 49 Resp: 55802
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 89.3 76.0 114.0





#29
Tetrahydrofuran
Concen: 105.545 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

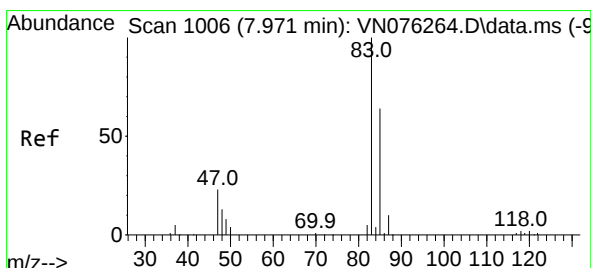
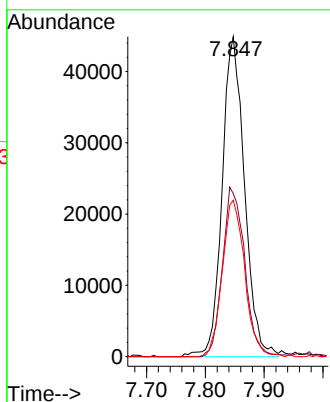
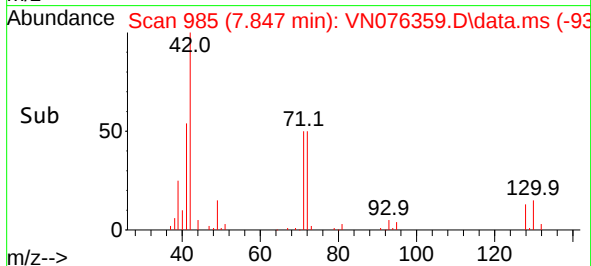
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01



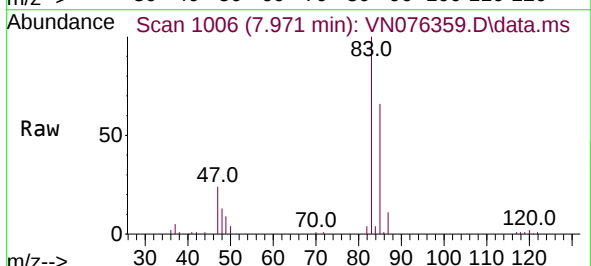
Tgt Ion: 42 Resp: 118740
Ion Ratio Lower Upper
42 100
72 52.6 44.0 66.0
71 49.1 41.1 61.7

Manual Integrations
APPROVED

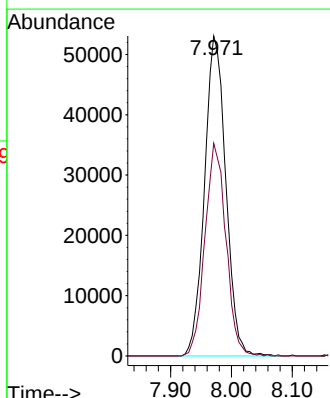
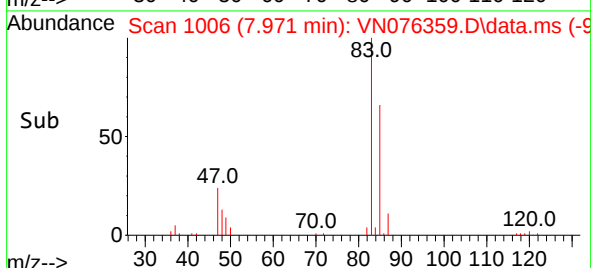
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

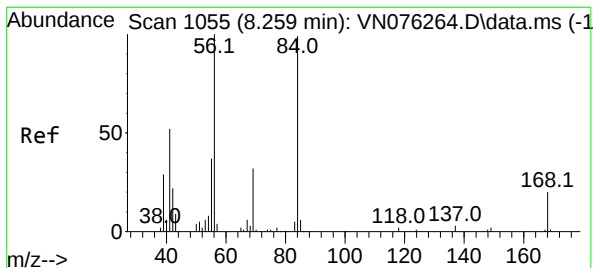


#30
Chloroform
Concen: 19.996 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12



Tgt Ion: 83 Resp: 129091
Ion Ratio Lower Upper
83 100
85 66.4 51.0 76.6





#31

Cyclohexane

Concen: 17.693 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN076359.D

Acq: 23 Jan 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0123MBS01

Tgt Ion: 56 Resp: 101194

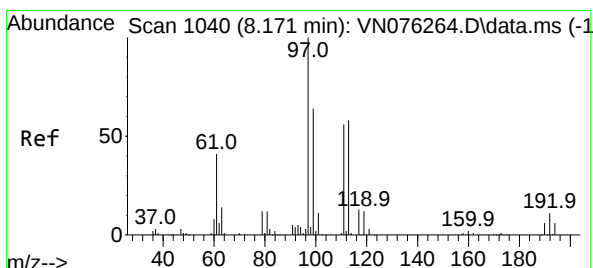
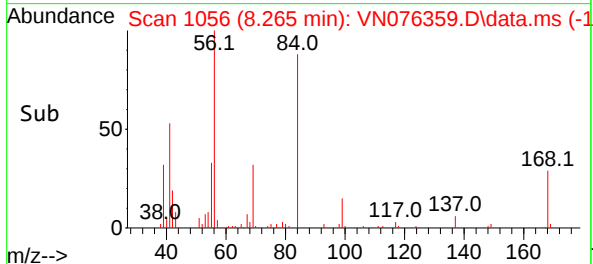
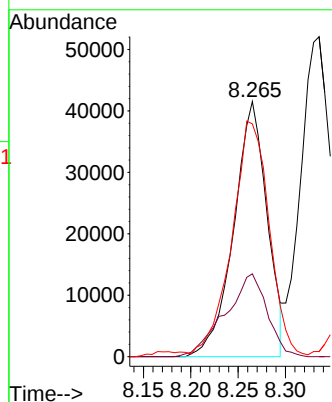
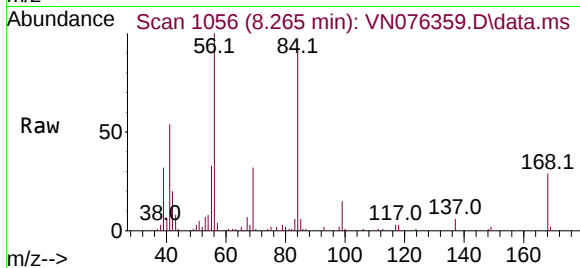
Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.8	38.8
84	89.4	79.0	118.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#32

1,1,1-Trichloroethane

Concen: 19.125 ug/l

RT: 8.177 min Scan# 1041

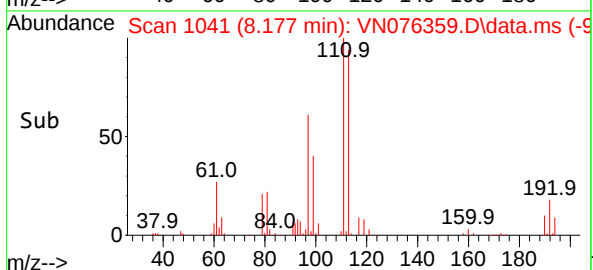
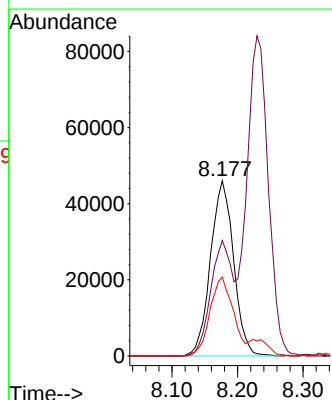
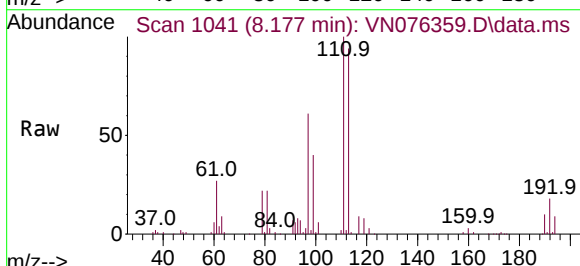
Delta R.T. 0.006 min

Lab File: VN076359.D

Acq: 23 Jan 2023 12:12

Tgt Ion: 97 Resp: 112728

Ion	Ratio	Lower	Upper
97	100		
99	60.1	55.0	82.4
61	45.0	36.2	54.4





#33

1,2-Dichloroethane-d4

Concen: 54.752 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076359.D

Acq: 23 Jan 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0123MBS01

Tgt Ion: 65 Resp: 20385

Ion Ratio Lower Upper

65 100

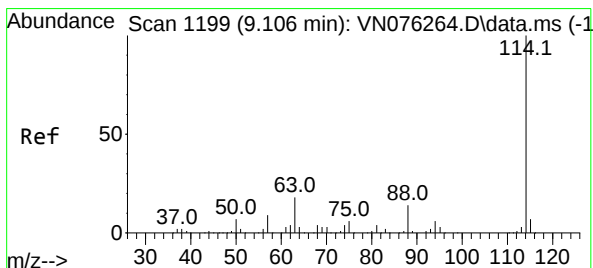
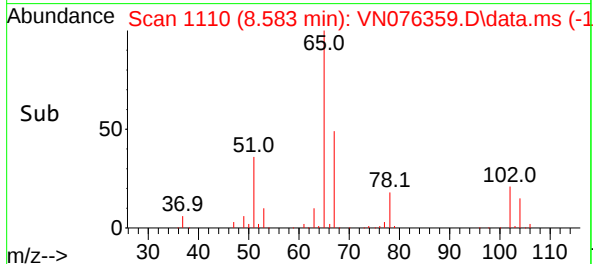
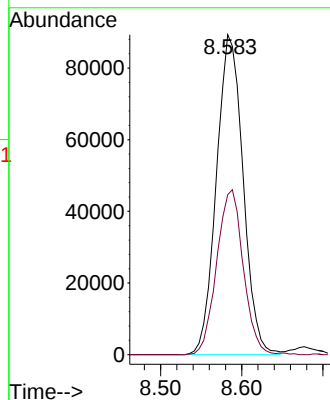
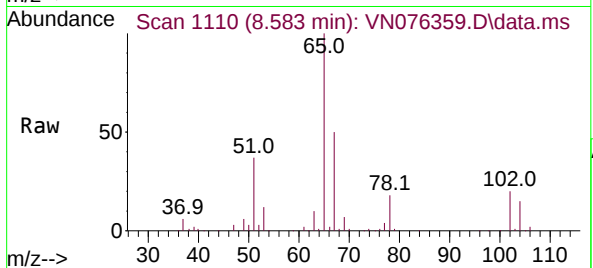
67 51.5 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076359.D

Acq: 23 Jan 2023 12:12

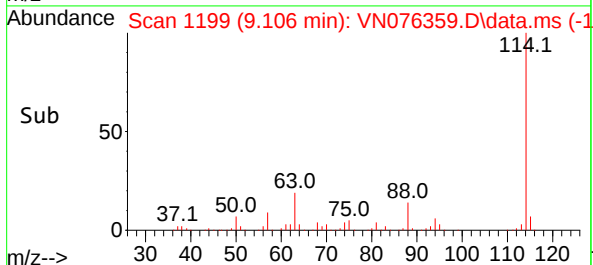
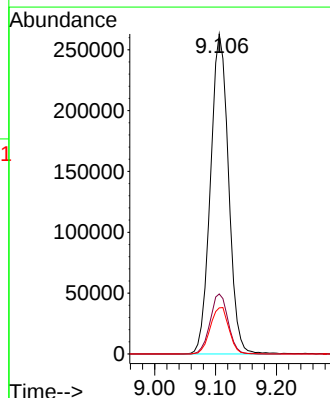
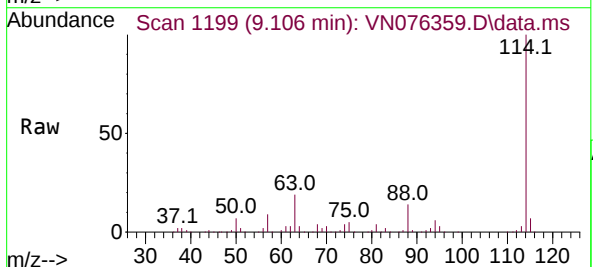
Tgt Ion:114 Resp: 541390

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.8

88 14.4 0.0 28.0





#35

Dibromofluoromethane

Concen: 51.080 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076359.D

Acq: 23 Jan 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0123MBS01

Tgt Ion: 113 Resp: 17298

Ion Ratio Lower Upper

113 100

111 103.9 82.7 124.1

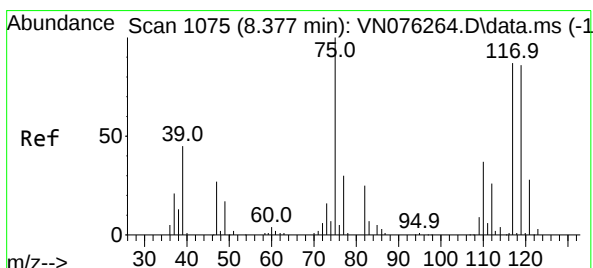
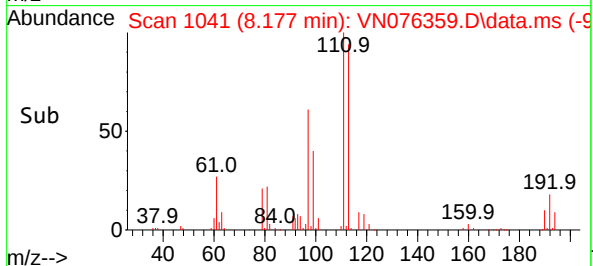
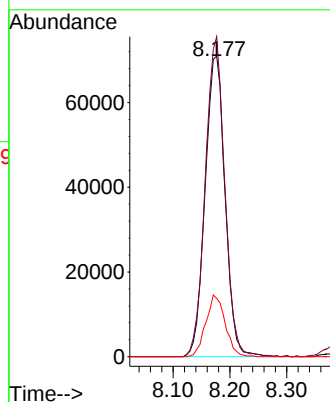
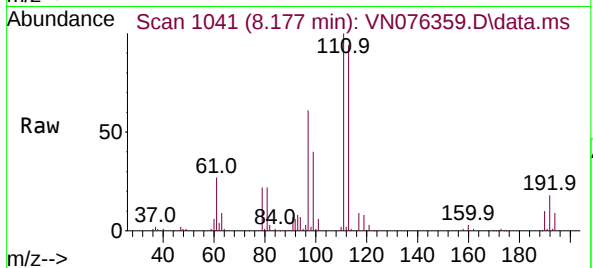
192 19.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#36

1,1-Dichloropropene

Concen: 18.510 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076359.D

Acq: 23 Jan 2023 12:12

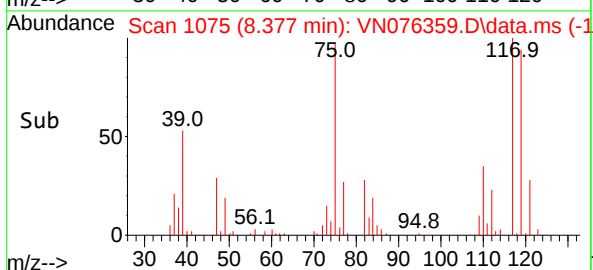
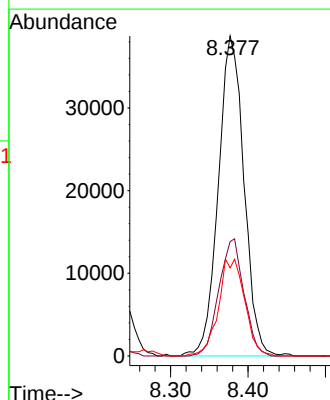
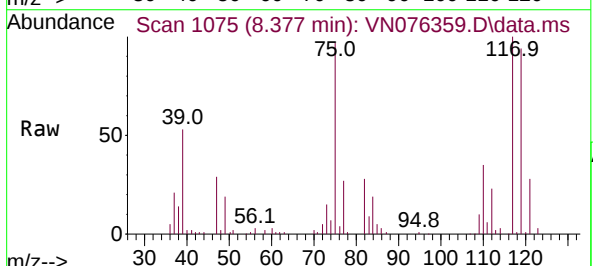
Tgt Ion: 75 Resp: 89078

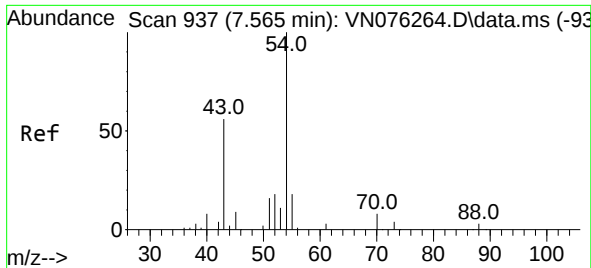
Ion Ratio Lower Upper

75 100

110 35.8 18.8 56.3

77 31.1 25.0 37.4





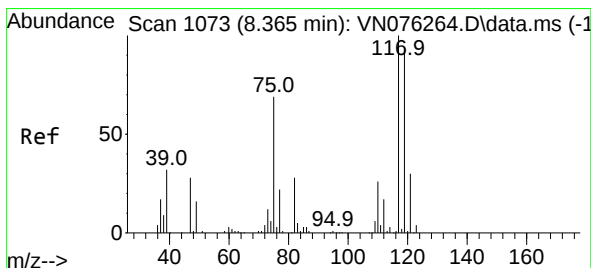
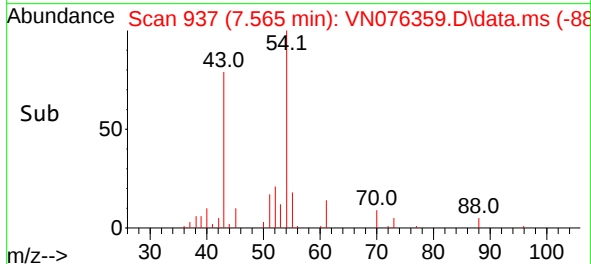
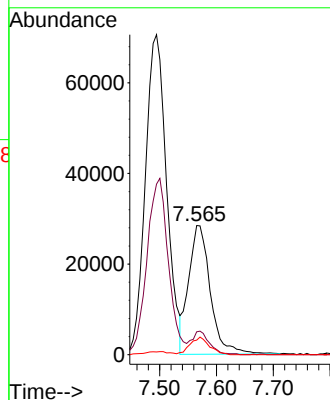
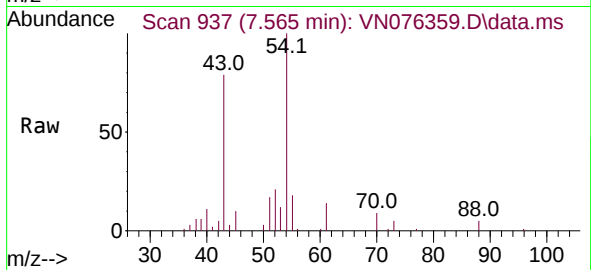
#37
Ethyl Acetate
Concen: 19.645 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01

Tgt Ion: 43 Resp: 7574
Ion Ratio Lower Upper
43 100
61 14.8 11.1 16.7
70 12.1 10.0 15.0

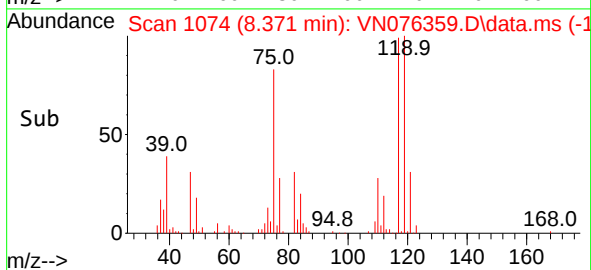
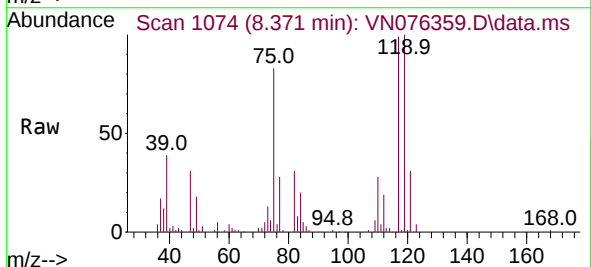
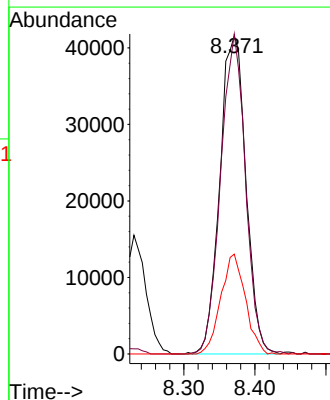
Manual Integrations
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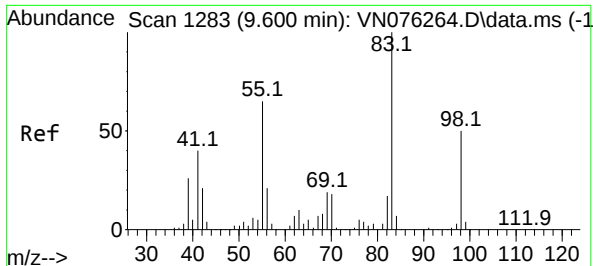
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#38
Carbon Tetrachloride
Concen: 19.748 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Tgt Ion:117 Resp: 105975
Ion Ratio Lower Upper
117 100
119 100.6 75.4 113.0
121 31.4 24.2 36.2





#39

Methylcyclohexane

Concen: 18.419 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076359.D

Acq: 23 Jan 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0123MBSD01

Tgt Ion: 83 Resp: 108245

Ion Ratio Lower Upper

83 100

55 68.3 51.7 77.5

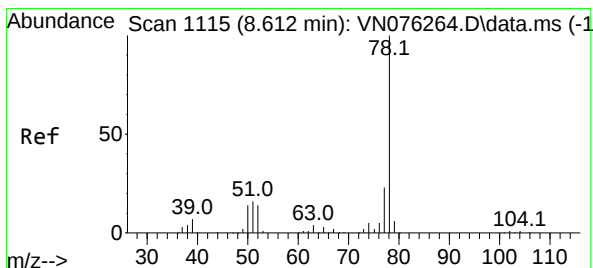
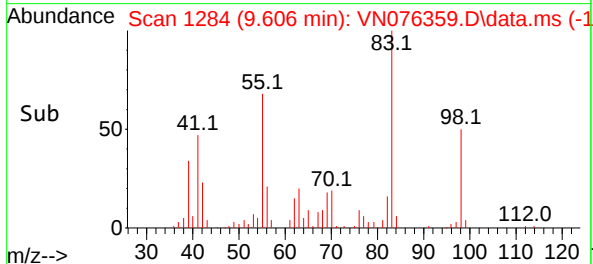
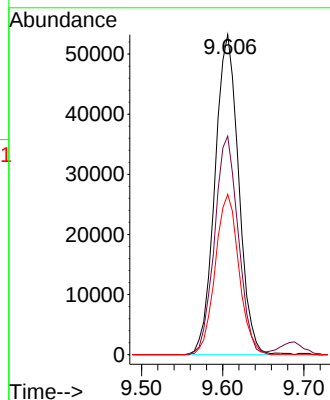
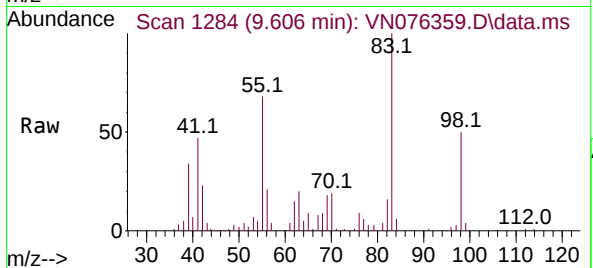
98 50.1 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#40

Benzene

Concen: 18.793 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076359.D

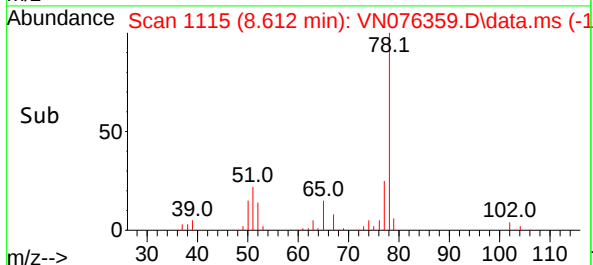
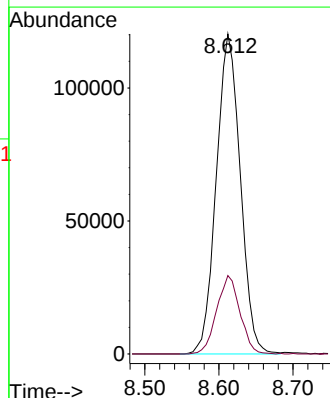
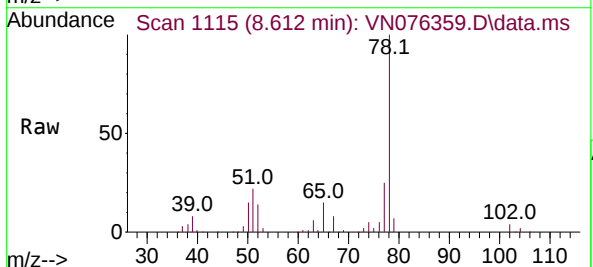
Acq: 23 Jan 2023 12:12

Tgt Ion: 78 Resp: 270425

Ion Ratio Lower Upper

78 100

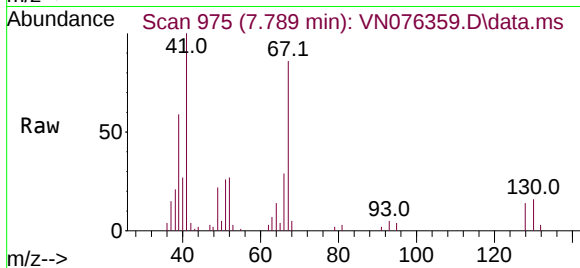
77 24.5 18.6 28.0





#41
Methacrylonitrile
Concen: 21.209 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

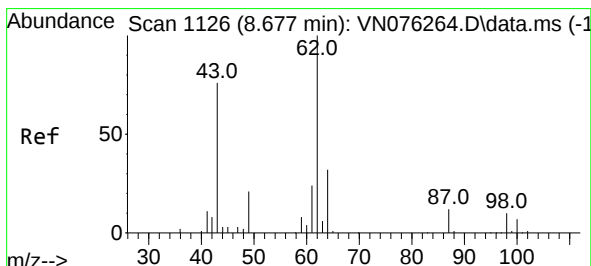
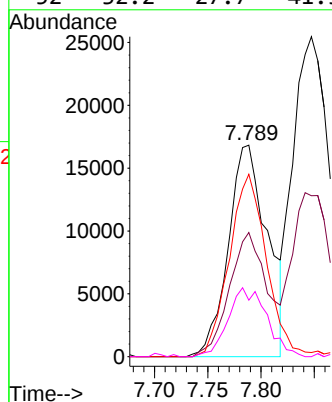
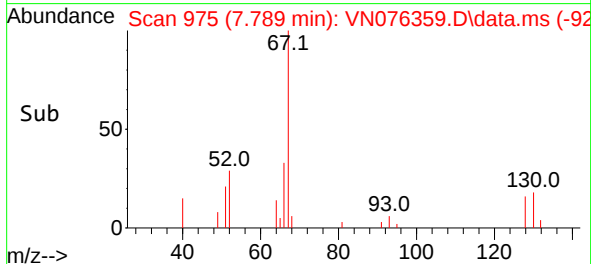
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01



Tgt Ion: 41 Resp: 4286
Ion Ratio Lower Upper
41 100
39 57.1 42.4 63.6
67 83.1 68.8 103.2
52 32.2 27.7 41.5

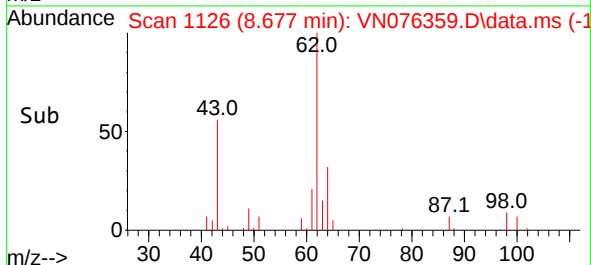
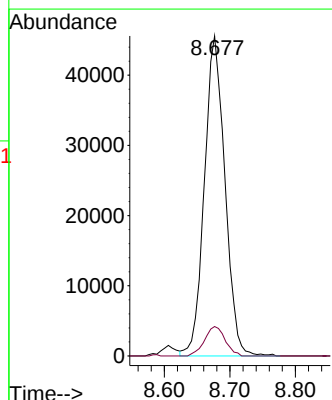
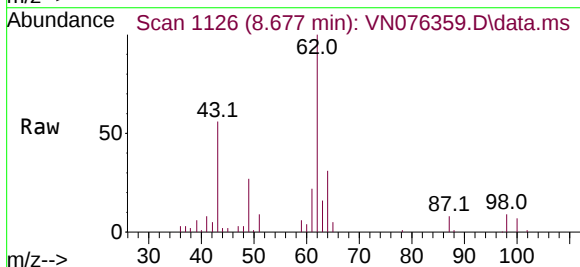
Manual Integrations
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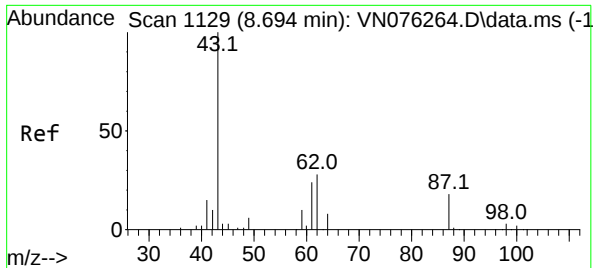
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#42
1,2-Dichloroethane
Concen: 20.207 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

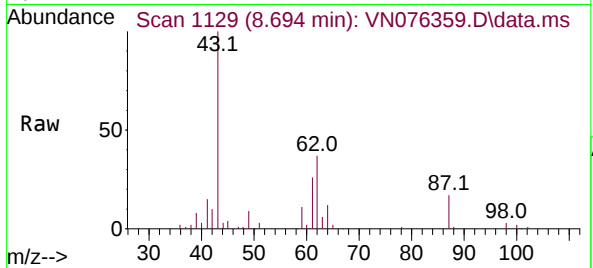
Tgt Ion: 62 Resp: 99487
Ion Ratio Lower Upper
62 100
98 9.2 0.0 20.4





#43
Isopropyl Acetate
Concen: 20.142 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

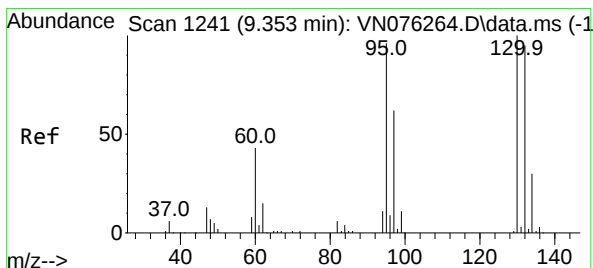
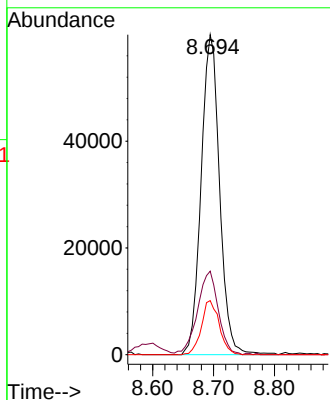
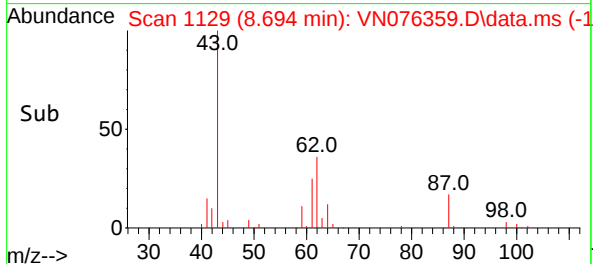
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01



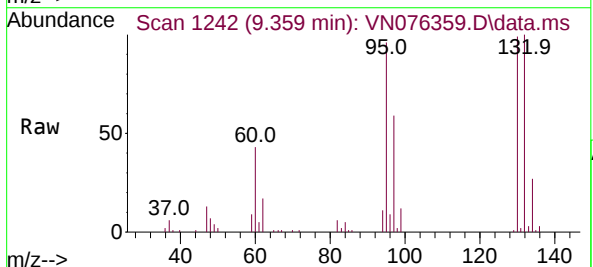
Tgt Ion: 43 Resp: 12647
Ion Ratio Lower Upper
43 100
61 29.4 23.5 35.3
87 16.3 13.8 20.6

Manual Integrations
APPROVED

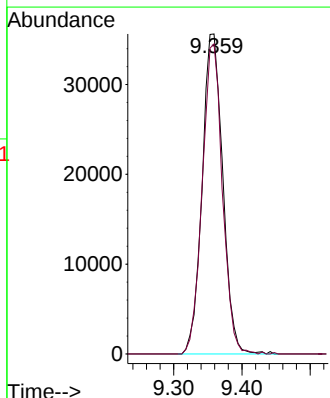
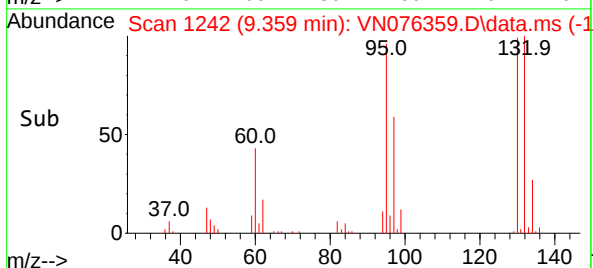
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

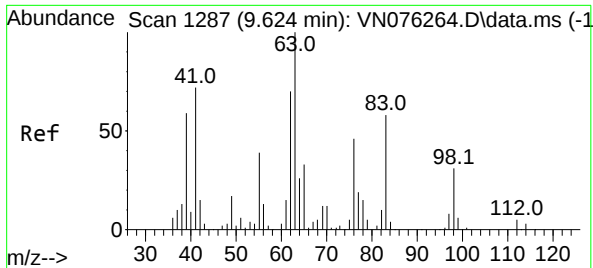


#44
Trichloroethene
Concen: 18.421 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12



Tgt Ion:130 Resp: 74969
Ion Ratio Lower Upper
130 100
95 96.9 0.0 192.0





#45

1,2-Dichloropropane

Concen: 19.343 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076359.D

Acq: 23 Jan 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0123MBSD01

Tgt Ion: 63 Resp: 66640

Ion Ratio Lower Upper

63 100

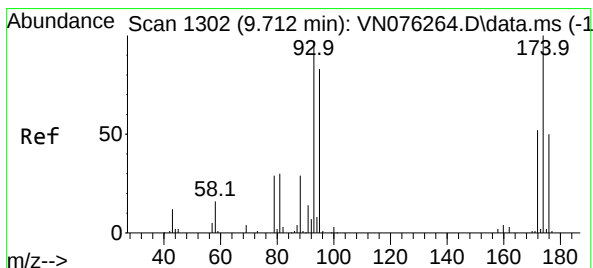
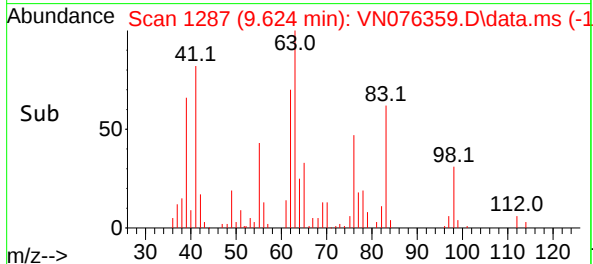
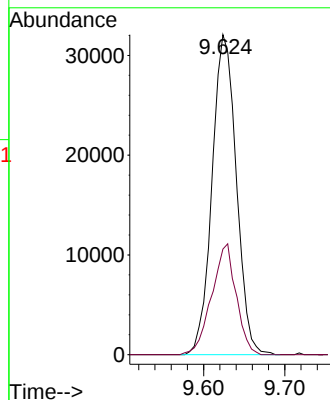
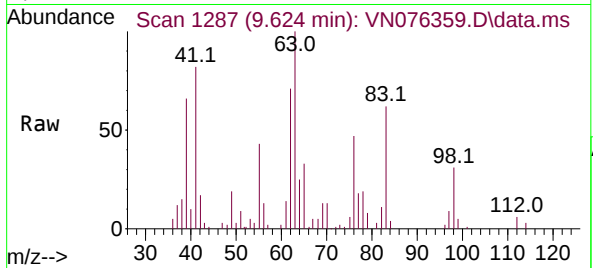
65 33.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#46

Dibromomethane

Concen: 19.806 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076359.D

Acq: 23 Jan 2023 12:12

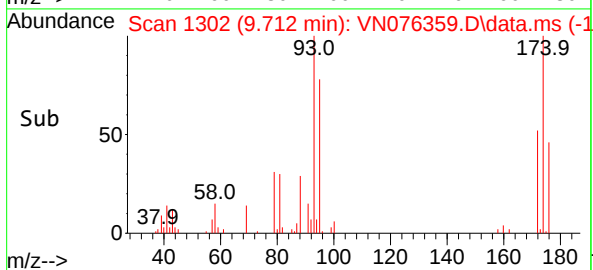
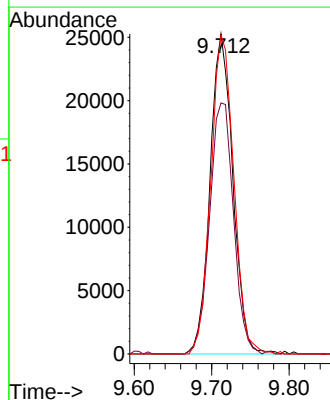
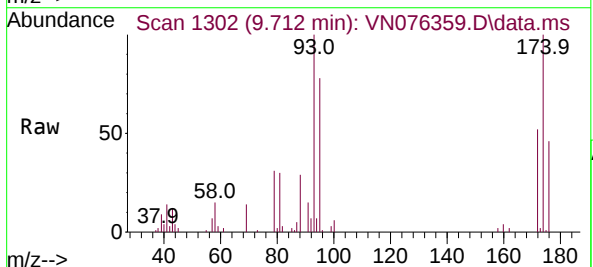
Tgt Ion: 93 Resp: 51519

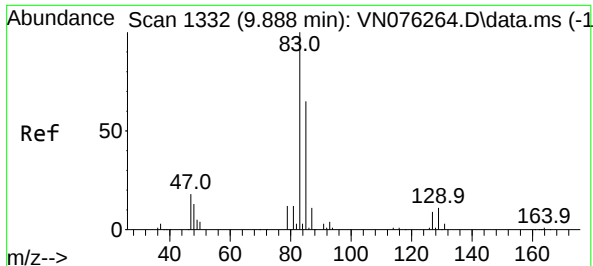
Ion Ratio Lower Upper

93 100

95 82.4 66.0 99.0

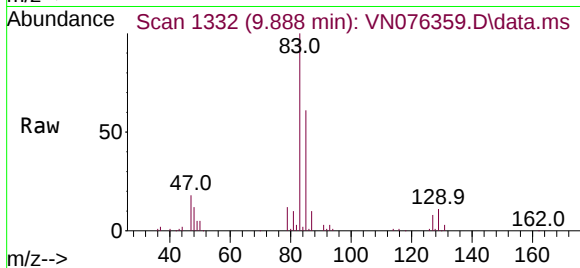
174 100.8 81.3 121.9





#47
Bromodichloromethane
Concen: 20.692 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

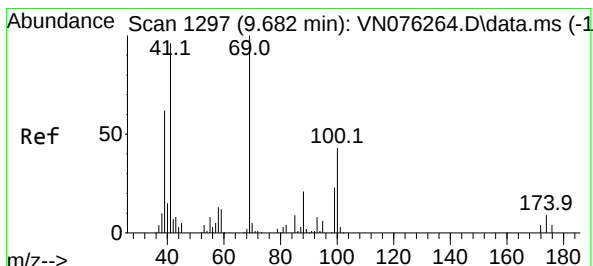
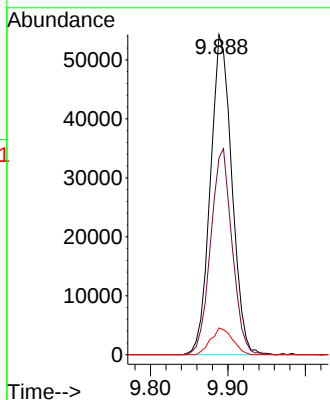
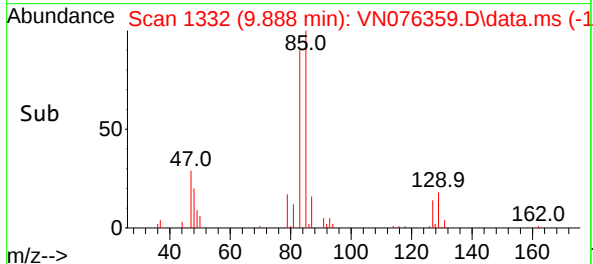
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01



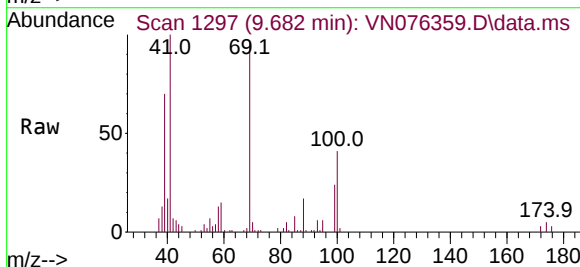
Tgt Ion: 83 Resp: 104388
Ion Ratio Lower Upper
83 100
85 61.5 52.1 78.1
127 8.4 7.4 11.0

Manual Integrations
APPROVED

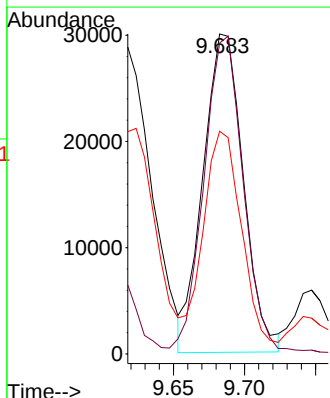
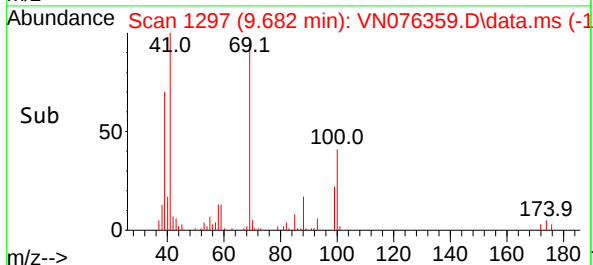
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

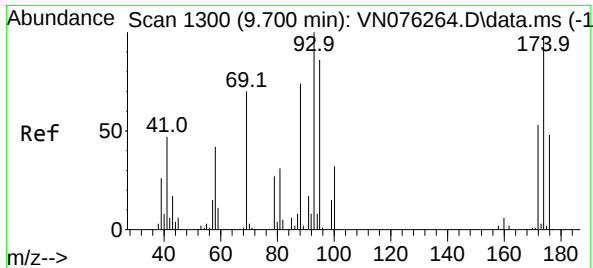


#48
Methyl methacrylate
Concen: 19.923 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12



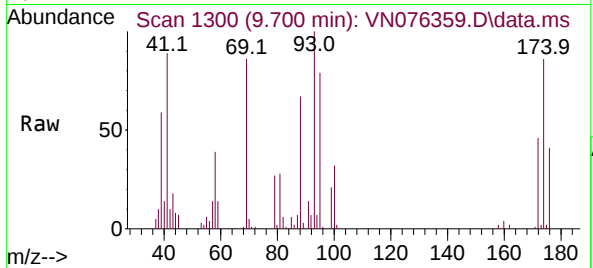
Tgt Ion: 41 Resp: 59225
Ion Ratio Lower Upper
41 100
69 98.3 80.8 121.2
39 68.7 54.4 81.6





#49
1,4-Dioxane
Concen: 385.994 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

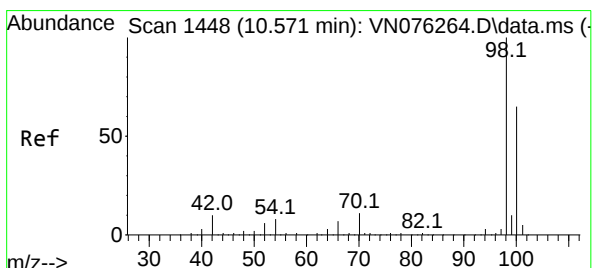
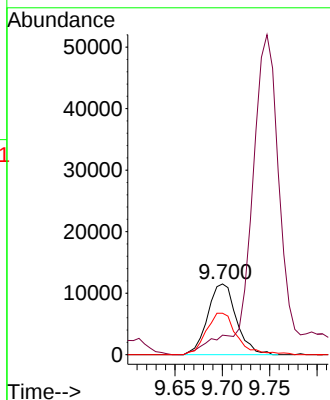
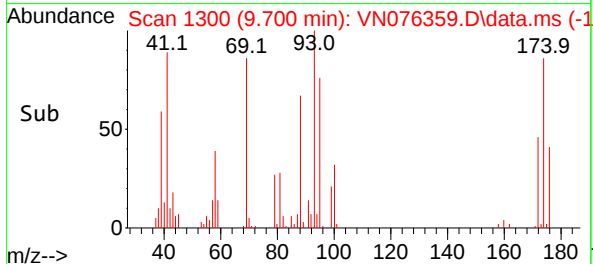
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01



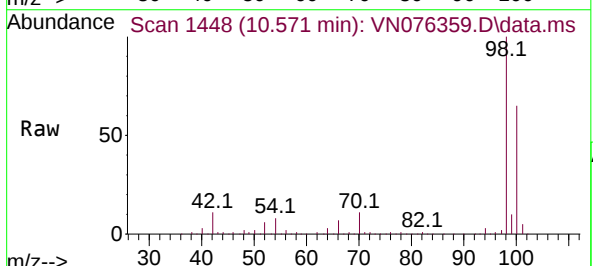
Tgt Ion: 88 Resp: 2421
Ion Ratio Lower Upper
88 100
43 0.0 18.1 27.1
58 62.7 46.5 69.7

Manual Integrations
APPROVED

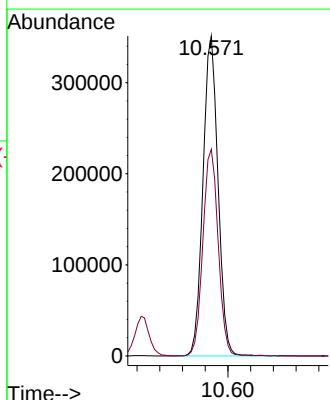
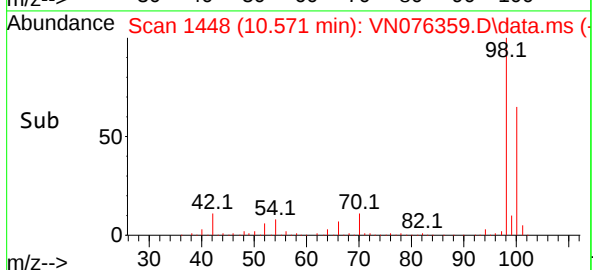
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

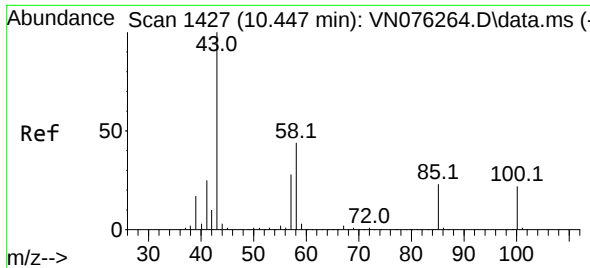


#50
Toluene-d8
Concen: 51.487 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12



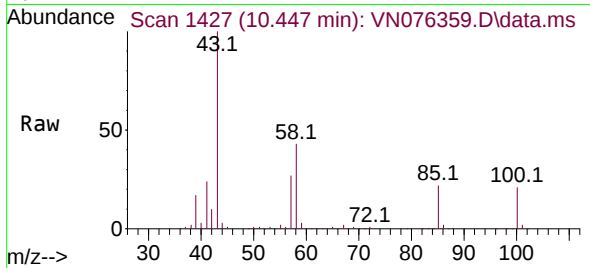
Tgt Ion: 98 Resp: 643960
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 104.165 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

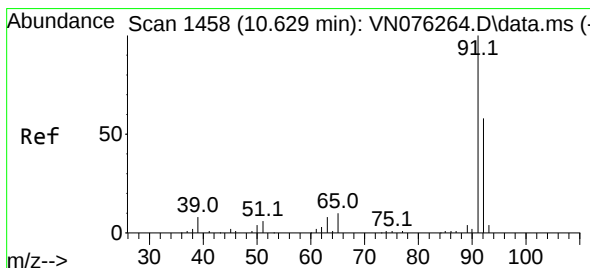
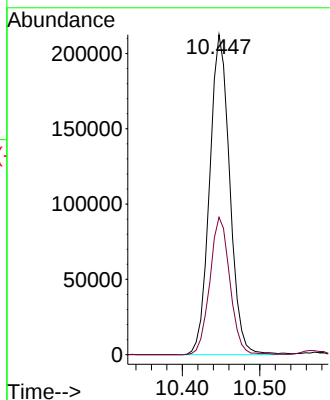
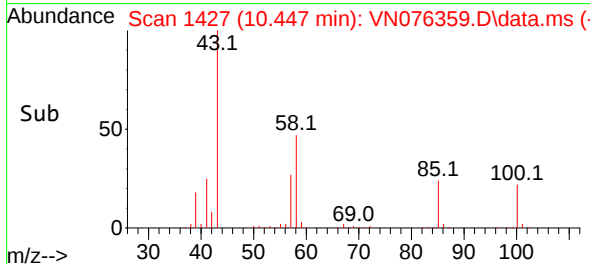
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01



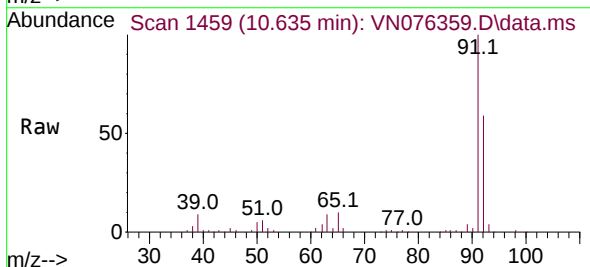
Tgt Ion: 43 Resp: 38397
Ion Ratio Lower Upper
43 100
58 42.9 35.1 52.7

Manual Integrations
APPROVED

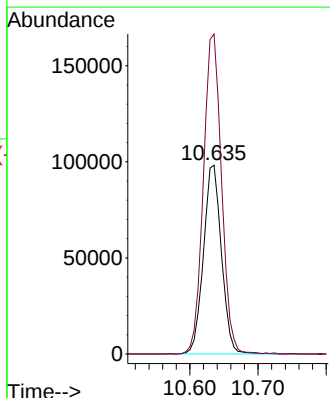
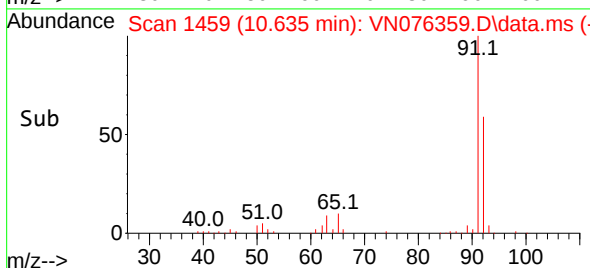
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#52
Toluene
Concen: 18.714 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12



Tgt Ion: 92 Resp: 180081
Ion Ratio Lower Upper
92 100
91 171.3 136.6 205.0





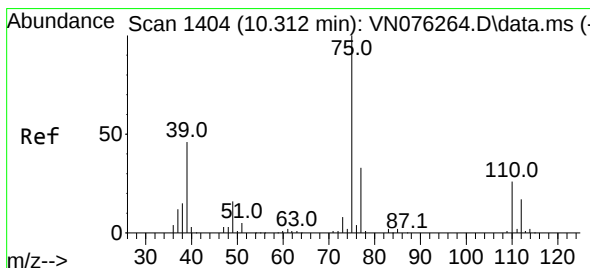
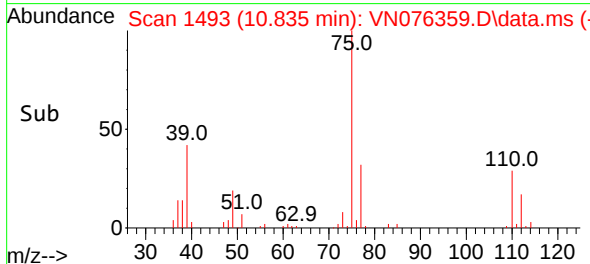
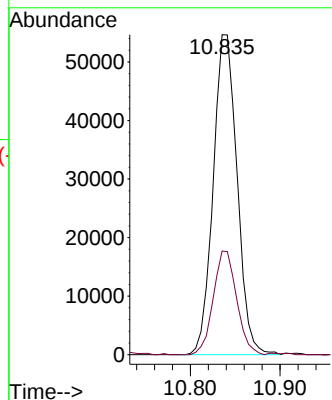
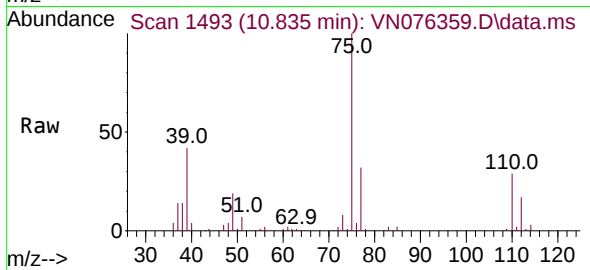
#53
t-1,3-Dichloropropene
Concen: 21.043 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01

Tgt Ion: 75 Resp: 10120
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6

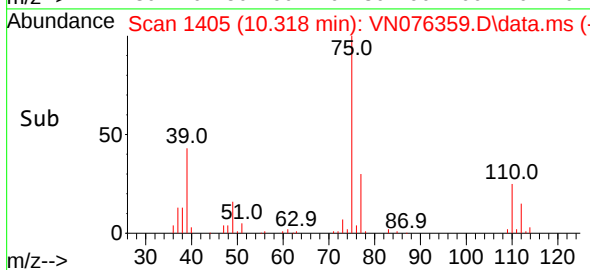
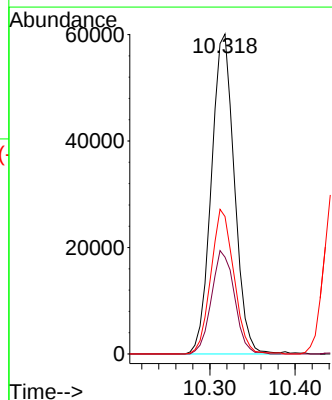
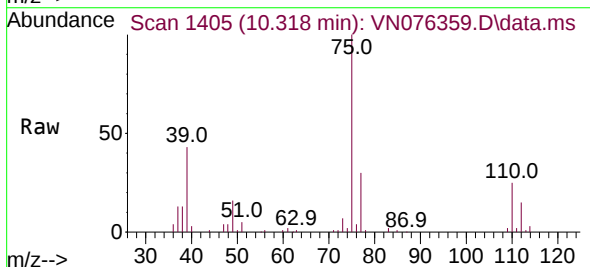
Manual Integrations
APPROVED

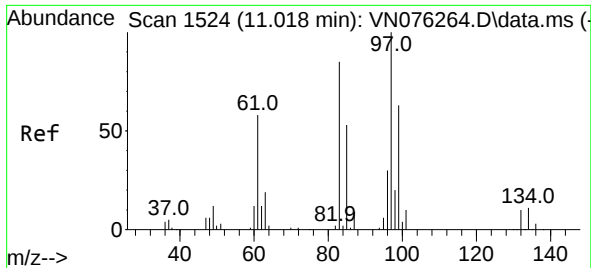
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#54
cis-1,3-Dichloropropene
Concen: 20.346 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

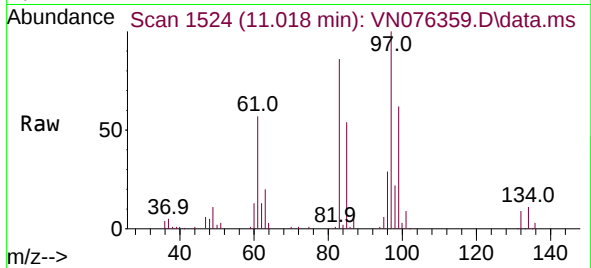
Tgt Ion: 75 Resp: 112574
Ion Ratio Lower Upper
75 100
77 30.3 26.5 39.7
39 43.0 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 19.463 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

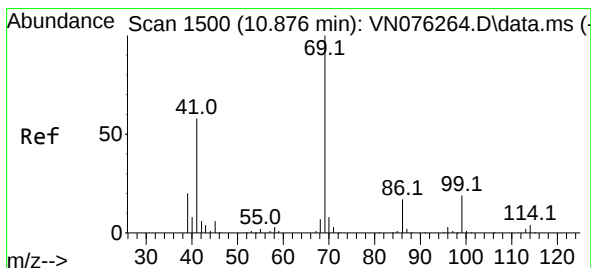
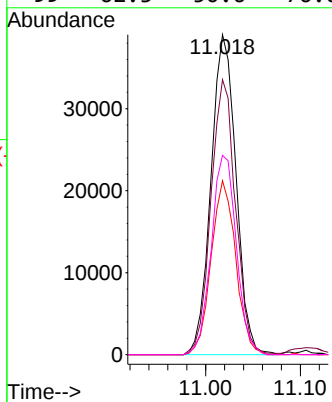
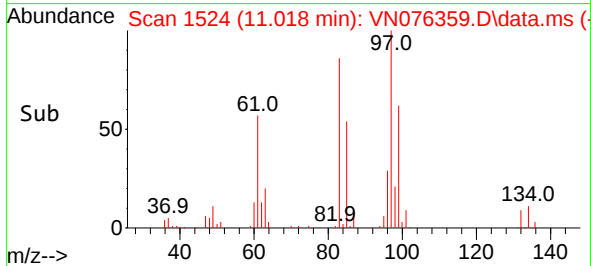
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01



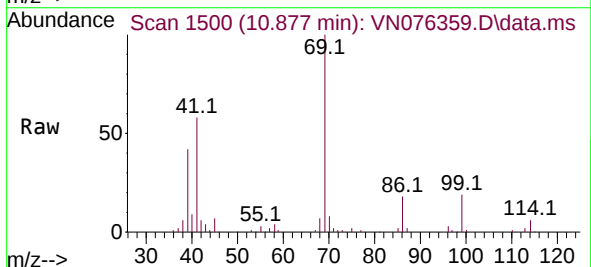
Tgt Ion: 97 Resp: 71589
Ion Ratio Lower Upper
97 100
83 85.9 67.8 101.6
85 54.3 42.3 63.5
99 62.3 50.6 76.0

Manual Integrations
APPROVED

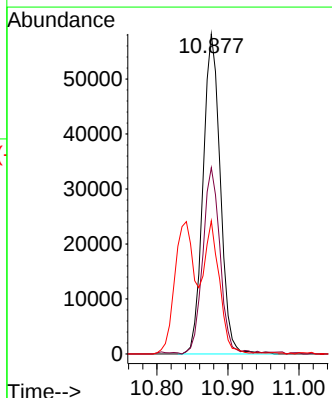
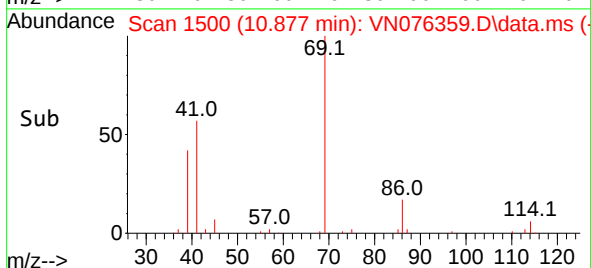
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

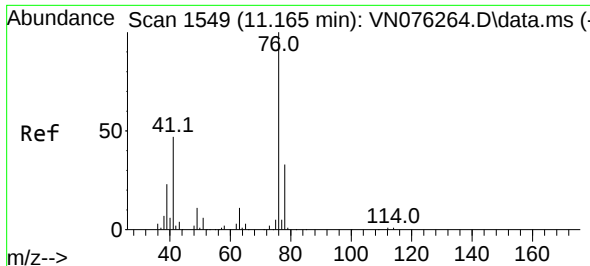


#56
Ethyl methacrylate
Concen: 20.737 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.001 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12



Tgt Ion: 69 Resp: 98474
Ion Ratio Lower Upper
69 100
41 58.3 45.3 67.9
39 36.2 29.3 43.9





#57

1,3-Dichloropropane

Concen: 19.843 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076359.D

Acq: 23 Jan 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0123MBS01

Tgt Ion: 76 Resp: 118600

Ion Ratio Lower Upper

76 100

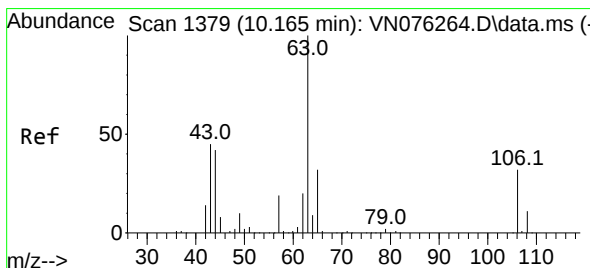
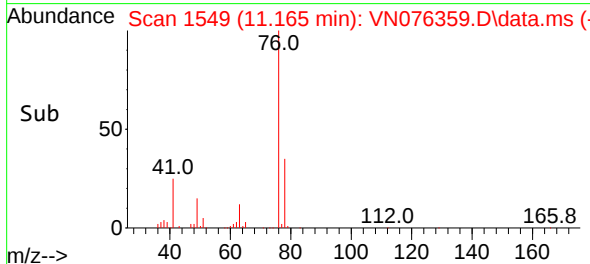
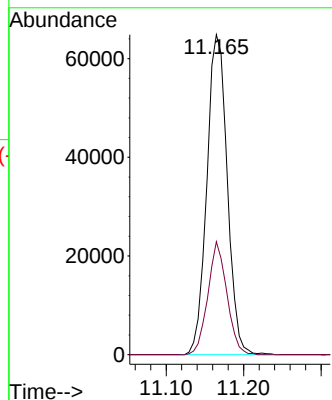
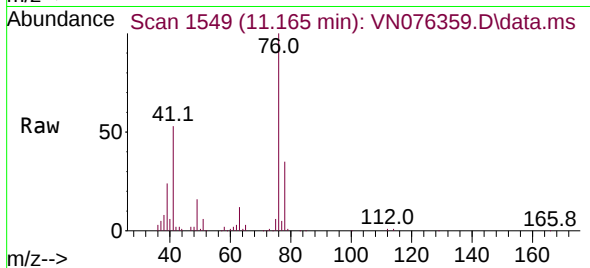
78 32.9 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 87.969 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076359.D

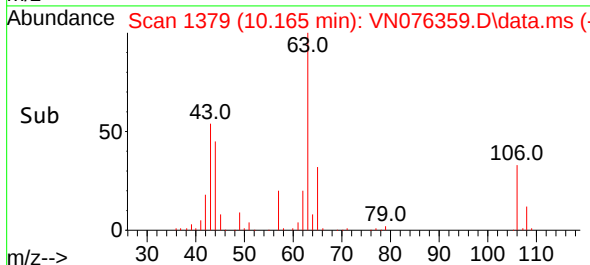
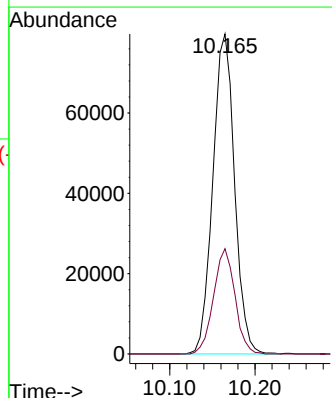
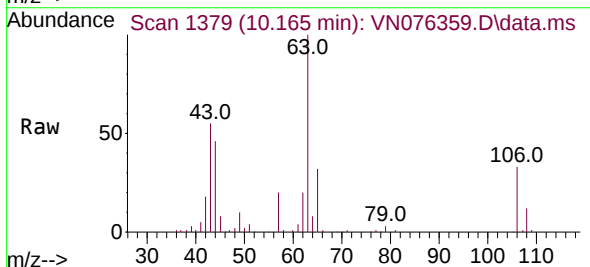
Acq: 23 Jan 2023 12:12

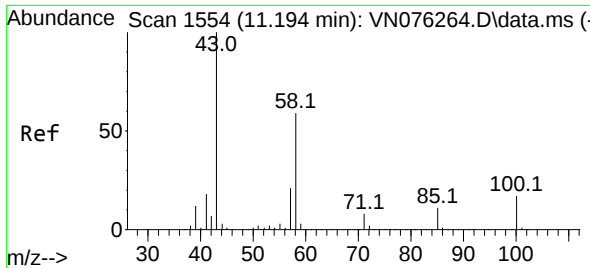
Tgt Ion: 63 Resp: 141023

Ion Ratio Lower Upper

63 100

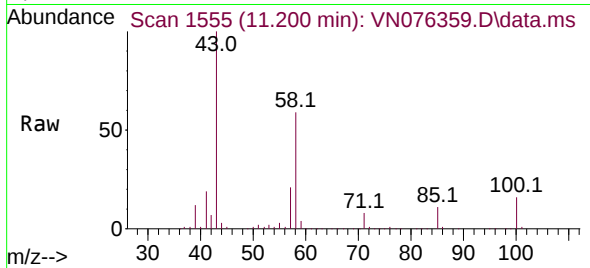
106 32.4 26.2 39.2





#59
2-Hexanone
Concen: 102.502 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

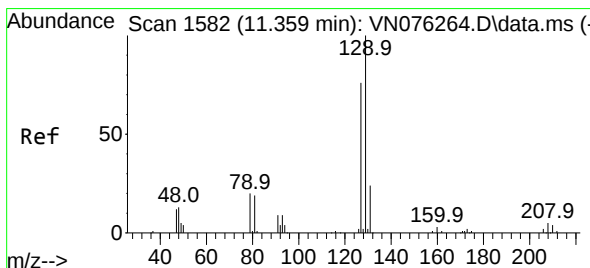
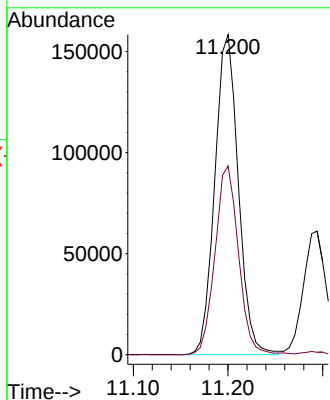
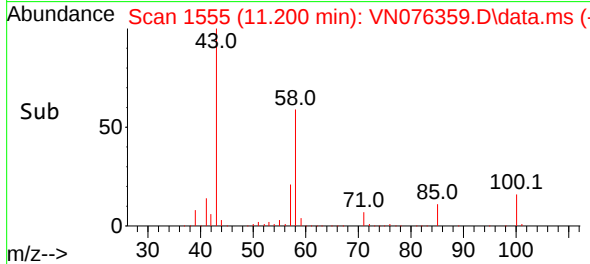
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01



Tgt Ion: 43 Resp: 27380
Ion Ratio Lower Upper
43 100
58 58.9 30.1 90.3

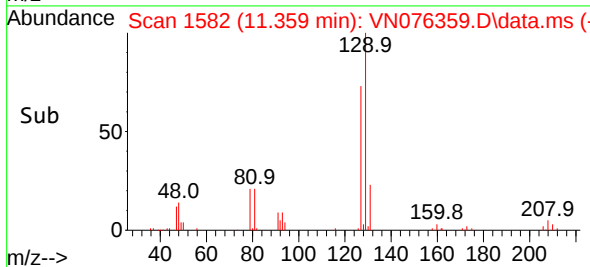
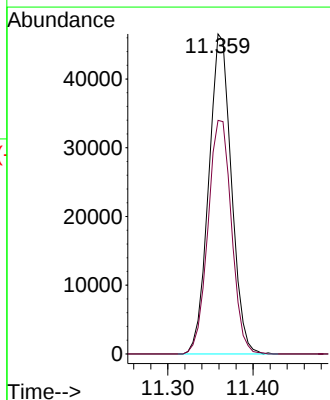
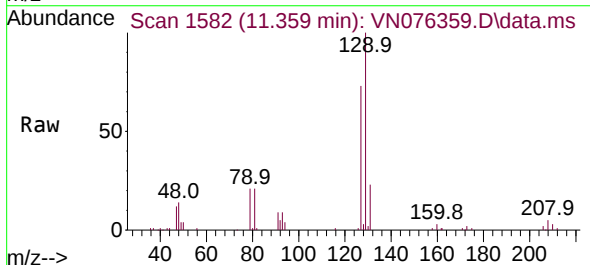
Manual Integrations
APPROVED

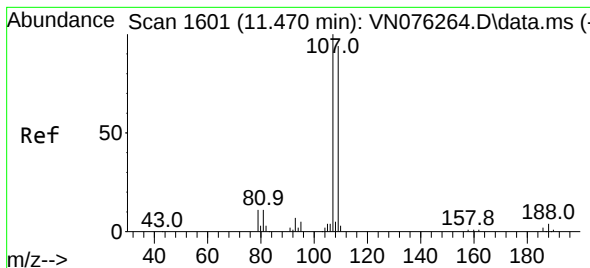
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#60
Dibromochloromethane
Concen: 22.186 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

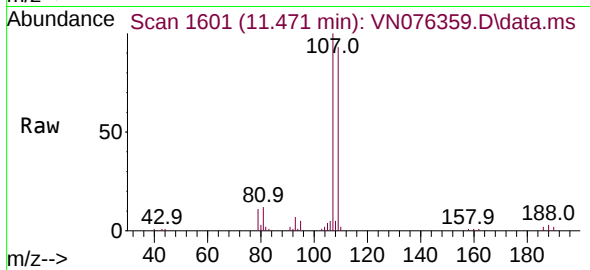
Tgt Ion:129 Resp: 85903
Ion Ratio Lower Upper
129 100
127 75.7 38.7 116.1





#61
1,2-Dibromoethane
Concen: 19.439 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

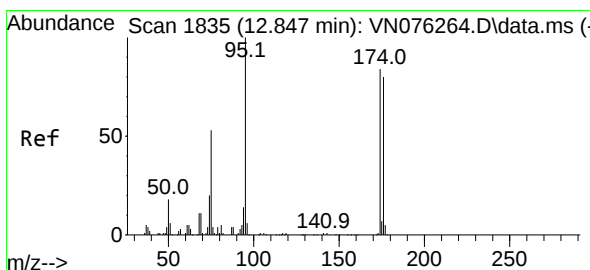
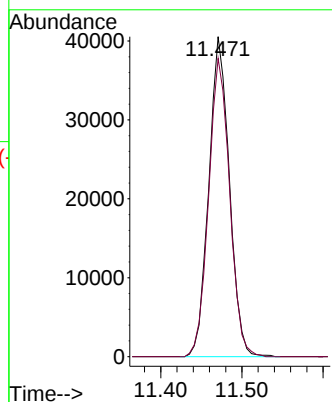
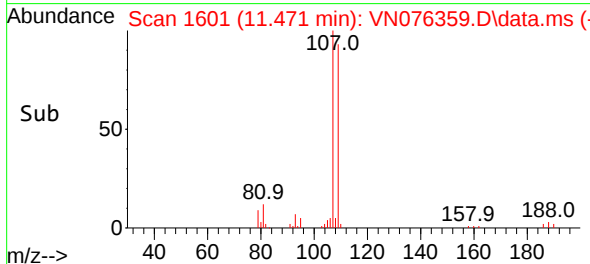
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01



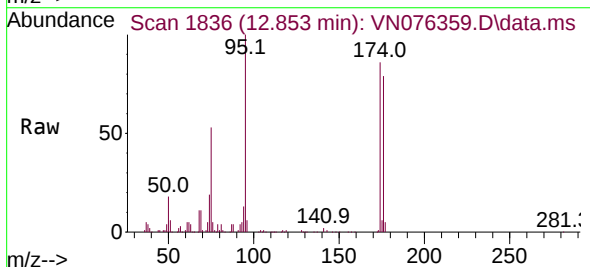
Tgt Ion:107 Resp: 71370
Ion Ratio Lower Upper
107 100
109 95.2 76.0 114.0

Manual Integrations
APPROVED

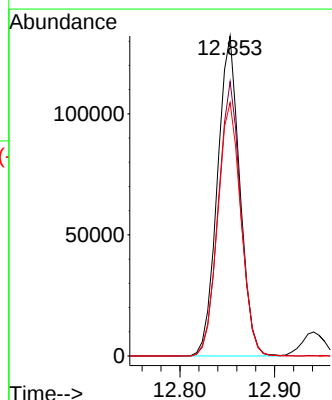
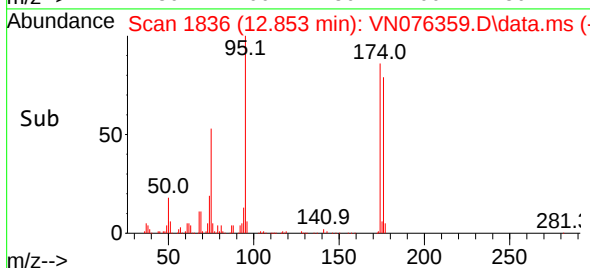
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

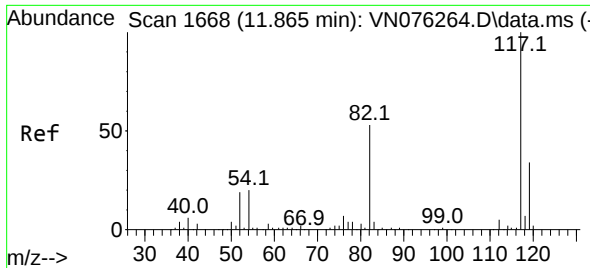


#62
4-Bromofluorobenzene
Concen: 53.192 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12



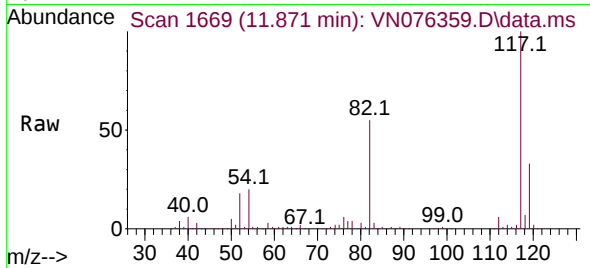
Tgt Ion: 95 Resp: 217185
Ion Ratio Lower Upper
95 100
174 85.4 0.0 174.6
176 81.9 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

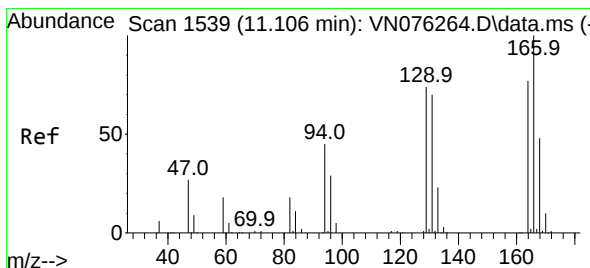
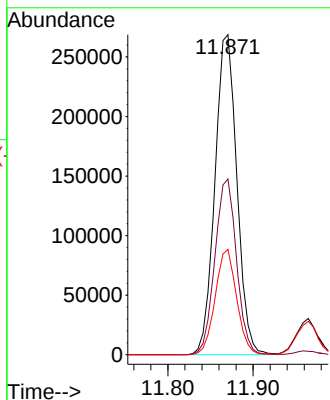
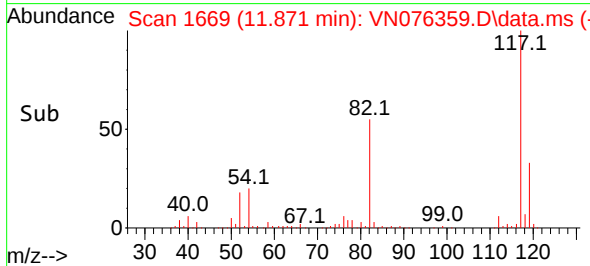
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01



Tgt Ion:117 Resp: 48238
Ion Ratio Lower Upper
117 100
82 54.9 42.2 63.2
119 32.9 26.9 40.3

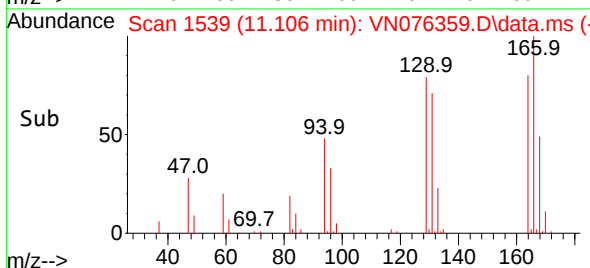
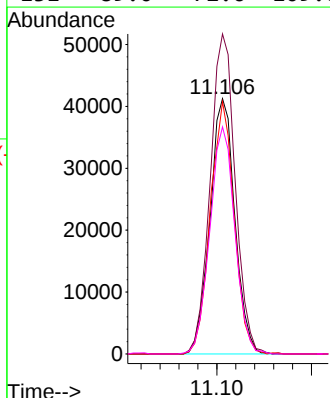
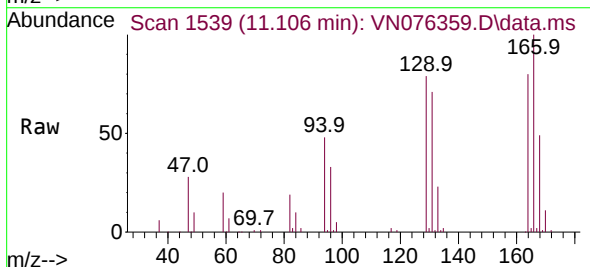
Manual Integrations
APPROVED

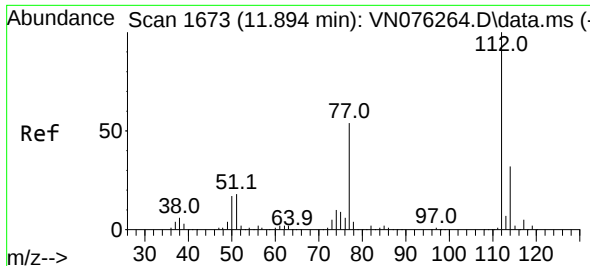
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#64
Tetrachloroethene
Concen: 17.270 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

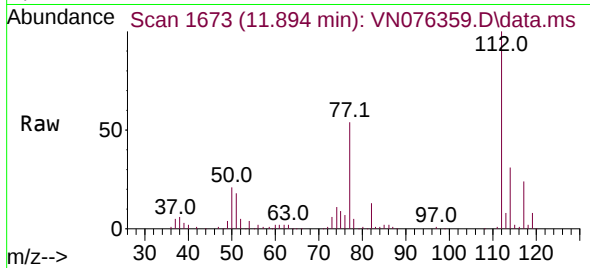
Tgt Ion:164 Resp: 75129
Ion Ratio Lower Upper
164 100
166 125.3 104.0 156.0
129 98.8 76.6 114.8
131 89.0 72.6 109.0





#65
Chlorobenzene
Concen: 18.778 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

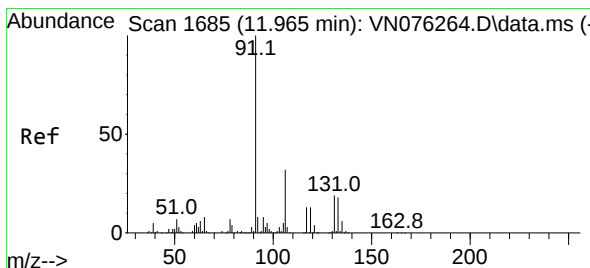
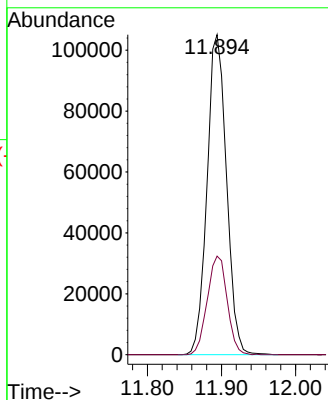
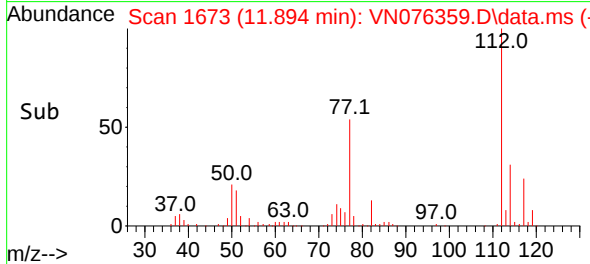
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01



Tgt Ion:112 Resp: 19148
Ion Ratio Lower Upper
112 100
114 30.8 25.3 37.9

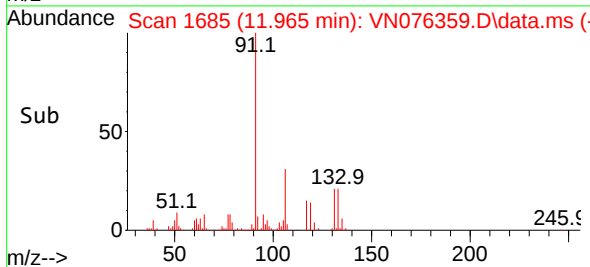
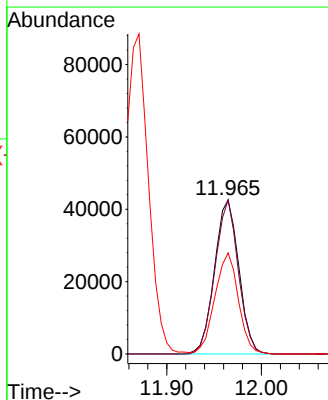
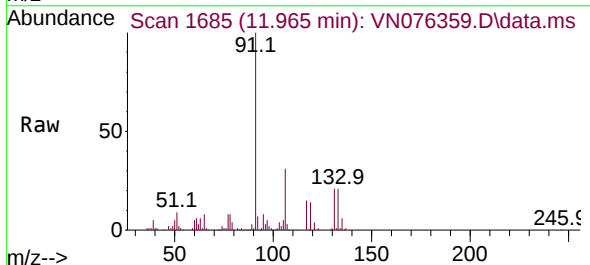
Manual Integrations
APPROVED

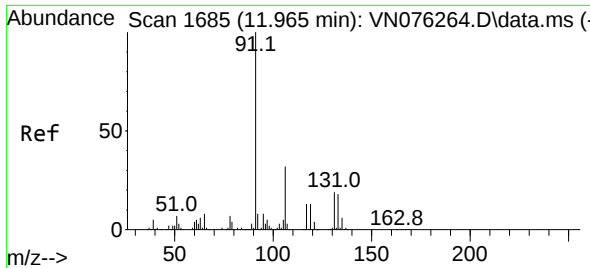
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.024 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Tgt Ion:131 Resp: 75972
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.2
119 63.6 32.3 96.8





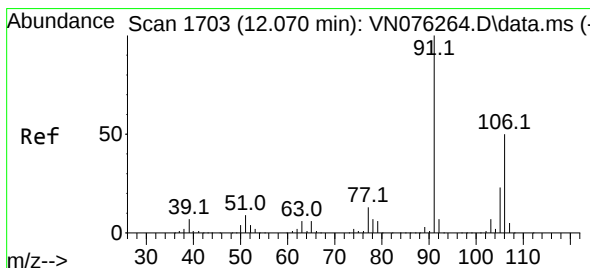
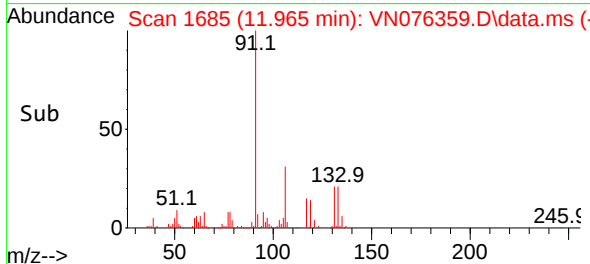
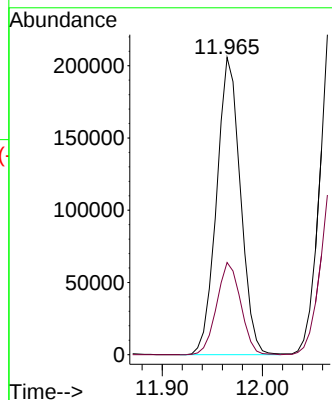
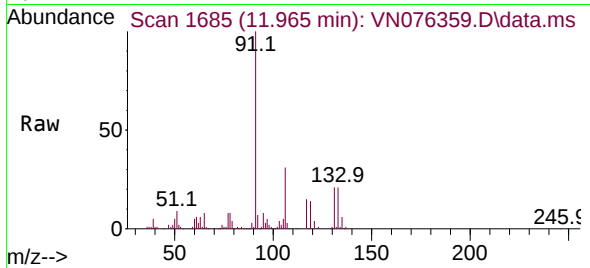
#67
Ethyl Benzene
Concen: 19.419 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01

Tgt Ion: 91 Resp: 338908
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3

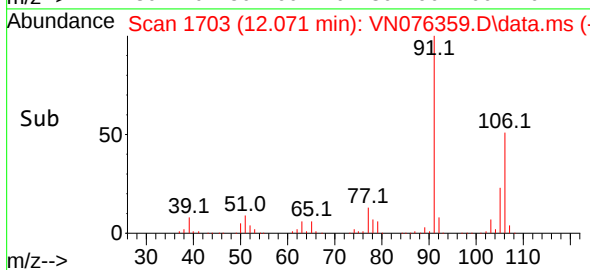
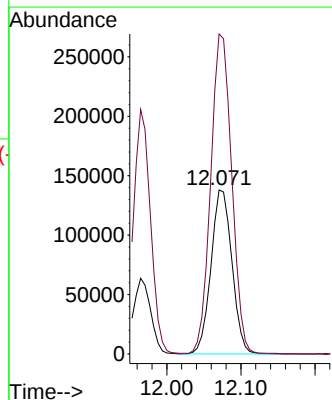
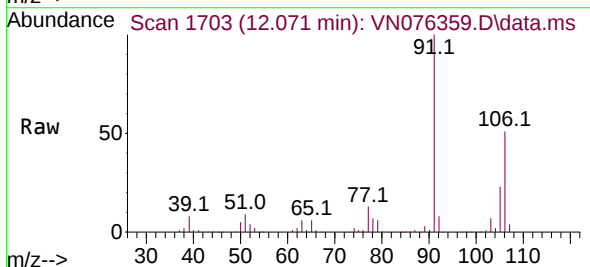
Manual Integrations
APPROVED

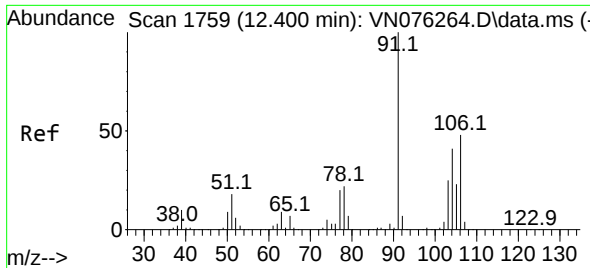
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#68
m/p-Xylenes
Concen: 38.698 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Tgt Ion:106 Resp: 270809
Ion Ratio Lower Upper
106 100
91 196.5 157.5 236.3





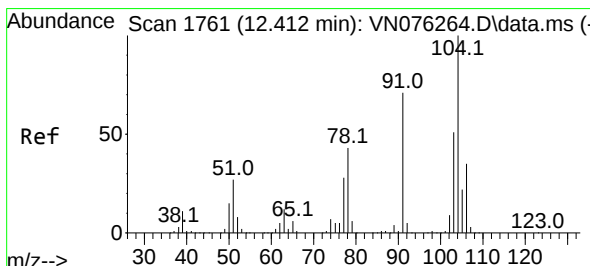
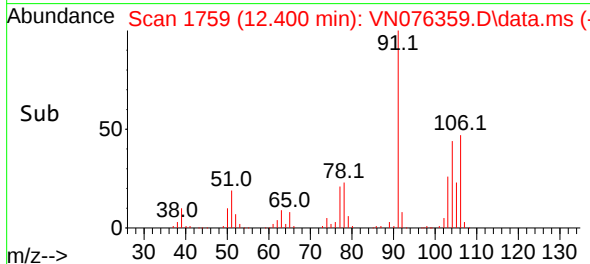
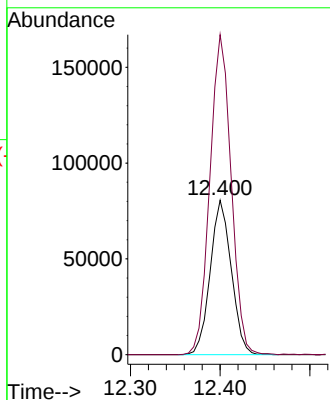
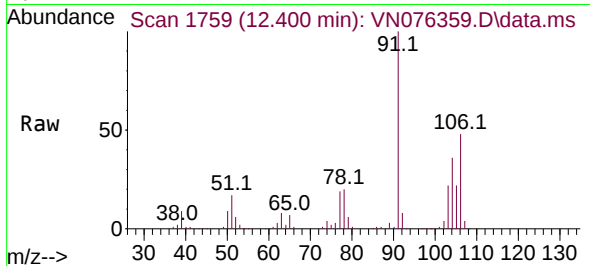
#69
o-Xylene
Concen: 19.169 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01

Tgt Ion:106 Resp: 13173
Ion Ratio Lower Upper
106 100
91 209.2 103.2 309.4

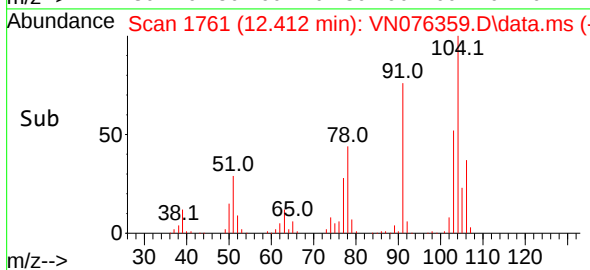
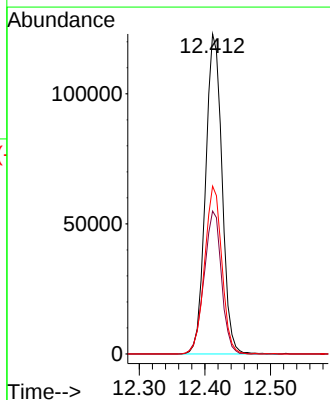
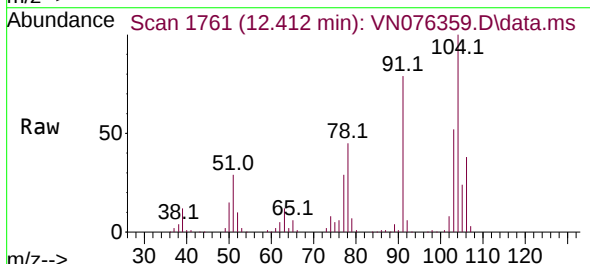
Manual Integrations
APPROVED

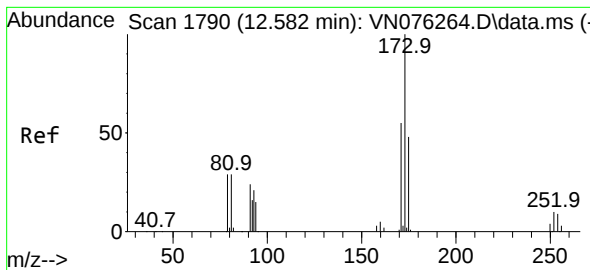
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#70
Styrene
Concen: 19.586 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

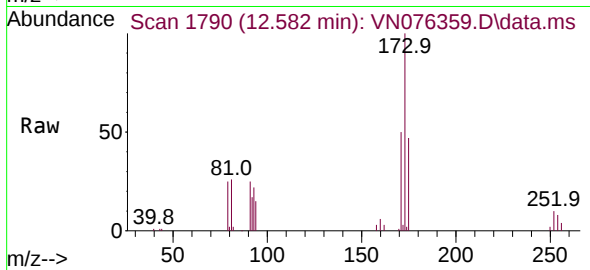
Tgt Ion:104 Resp: 214920
Ion Ratio Lower Upper
104 100
78 47.1 37.4 56.0
103 54.8 44.2 66.2





#71
Bromoform
Concen: 22.556 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

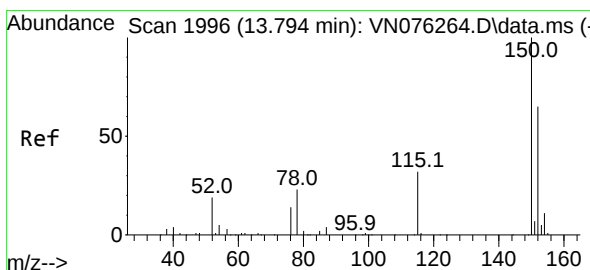
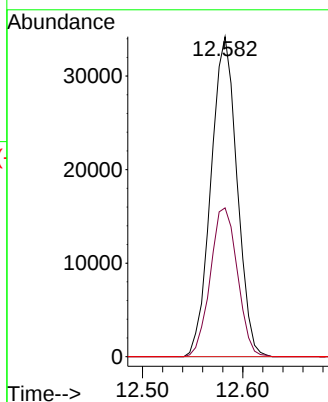
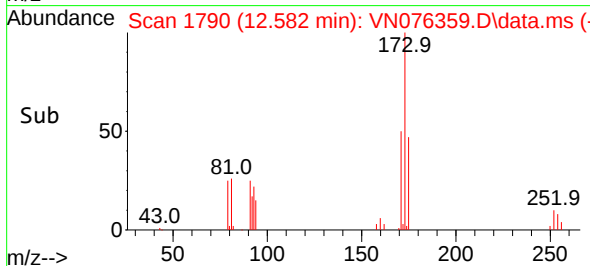
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01



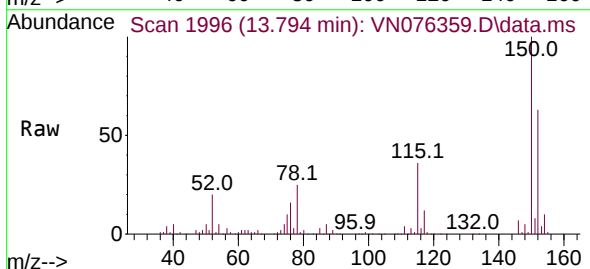
Tgt Ion:173 Resp: 6180
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

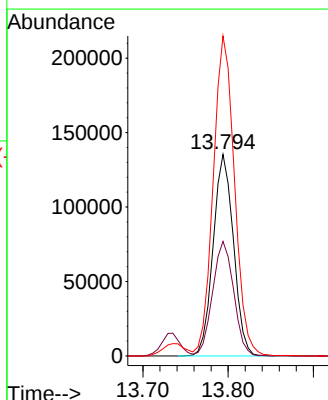
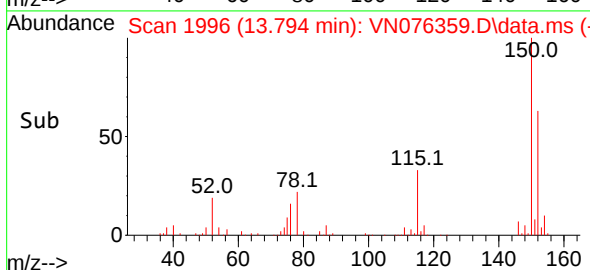
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

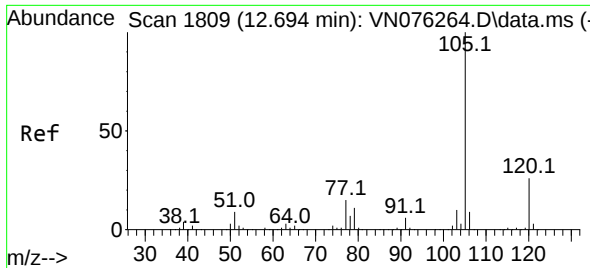


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12



Tgt Ion:152 Resp: 224543
Ion Ratio Lower Upper
152 100
115 58.8 29.6 88.9
150 165.7 0.0 351.4





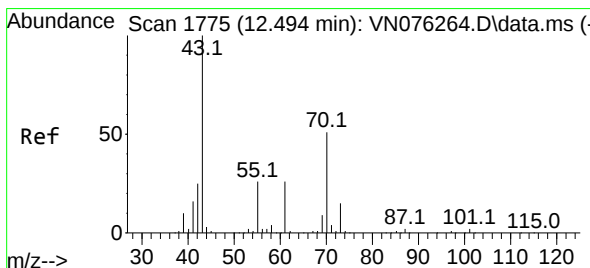
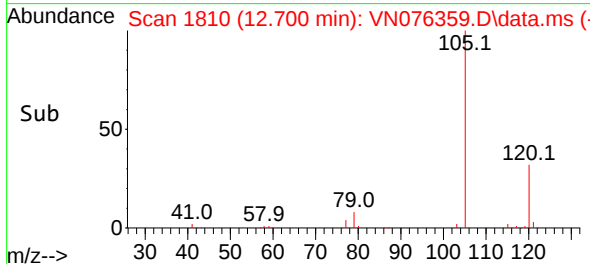
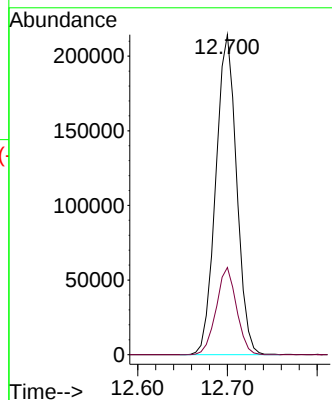
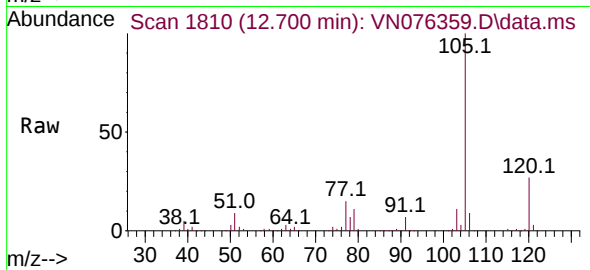
#73
Isopropylbenzene
Concen: 19.871 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01

Tgt Ion:105 Resp: 345168
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1

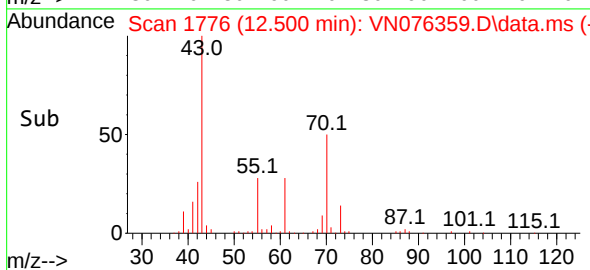
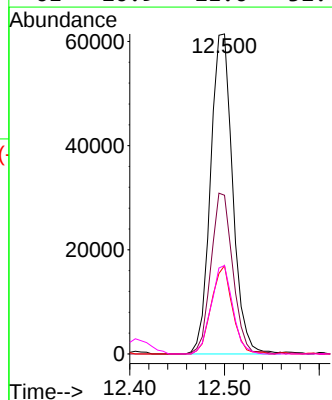
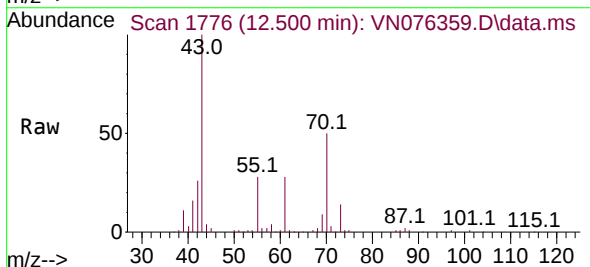
Manual Integrations
APPROVED

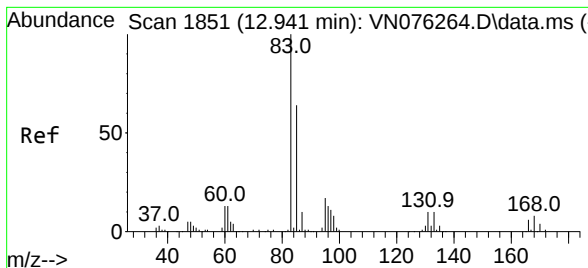
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#74
N-ethyl acetate
Concen: 19.965 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Tgt Ion: 43 Resp: 99757
Ion Ratio Lower Upper
43 100
70 49.6 41.2 61.8
55 26.2 21.0 31.6
61 26.9 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.991 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076359.D

Acq: 23 Jan 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0123MBS01

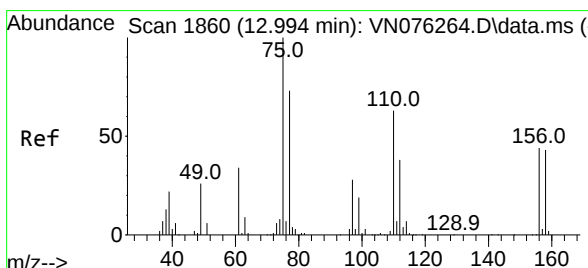
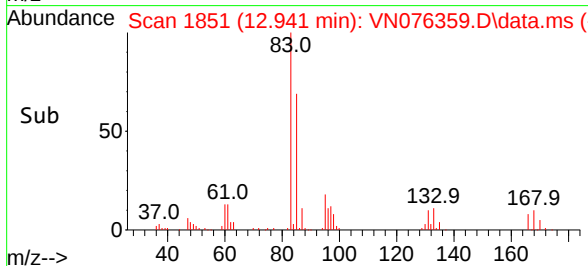
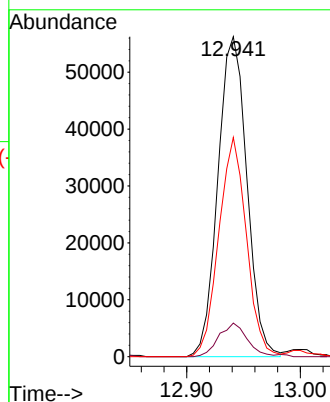
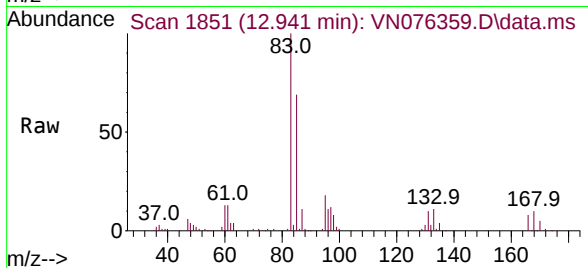
Tgt Ion: 83 Resp: 99829
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.5 16.4
 85 65.2 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#76

1,2,3-Trichloropropane

Concen: 20.967 ug/l m

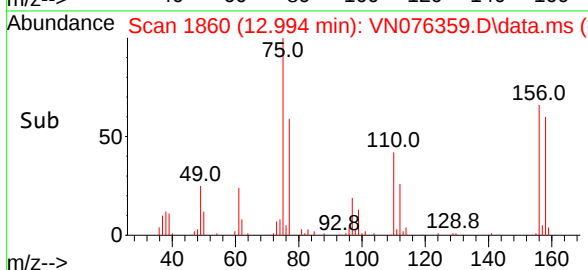
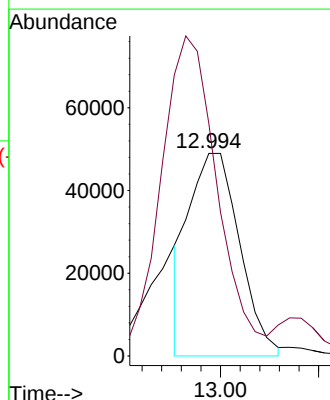
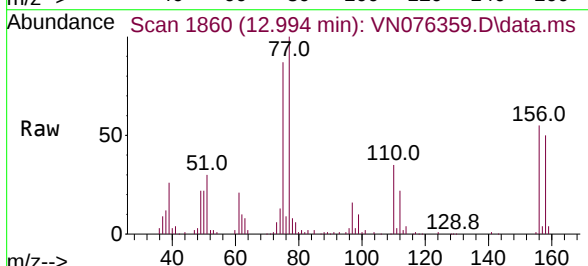
RT: 12.994 min Scan# 1860

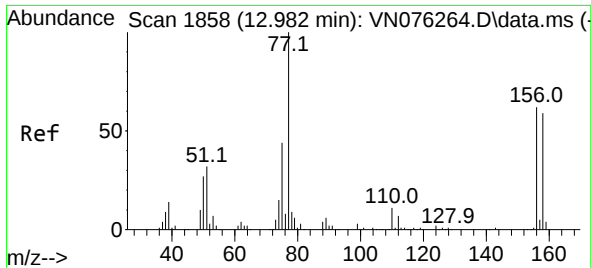
Delta R.T. 0.000 min

Lab File: VN076359.D

Acq: 23 Jan 2023 12:12

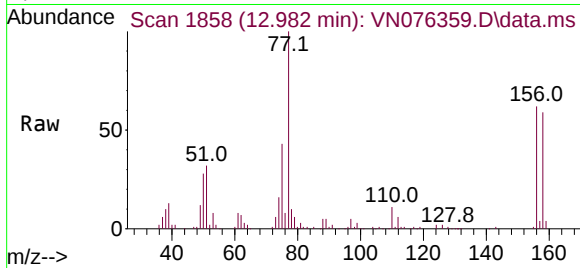
Tgt Ion: 75 Resp: 88018
 Ion Ratio Lower Upper
 75 100
 77 176.2 75.2 225.6





#77
Bromobenzene
Concen: 19.740 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

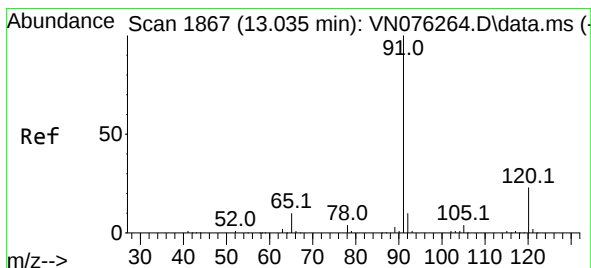
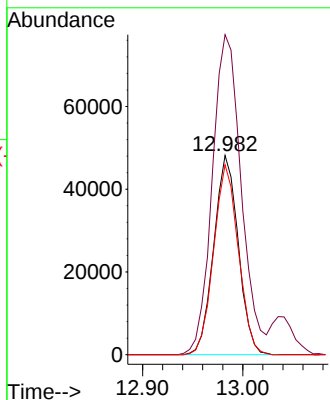
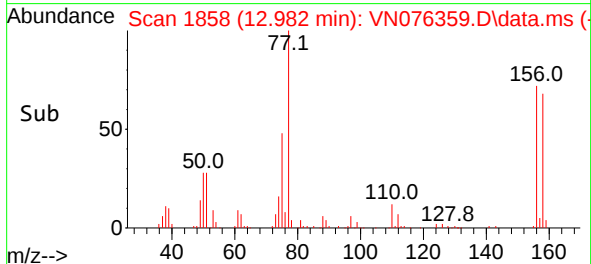
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01



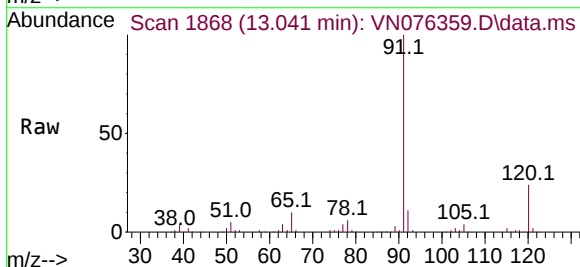
Tgt Ion: 156 Resp: 8154
Ion Ratio Lower Upper
156 100
77 190.2 93.4 280.2
158 96.0 48.4 145.2

Manual Integrations
APPROVED

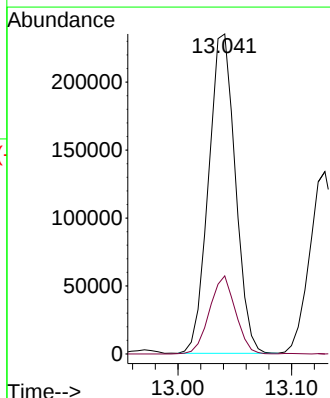
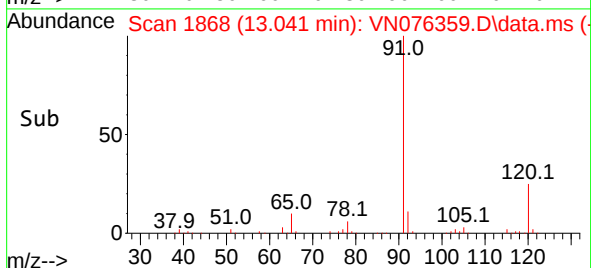
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

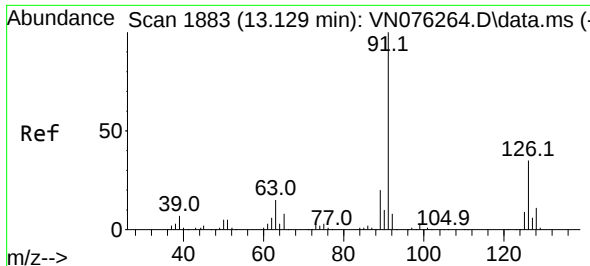


#78
n-propylbenzene
Concen: 19.650 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12



Tgt Ion: 91 Resp: 385145
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





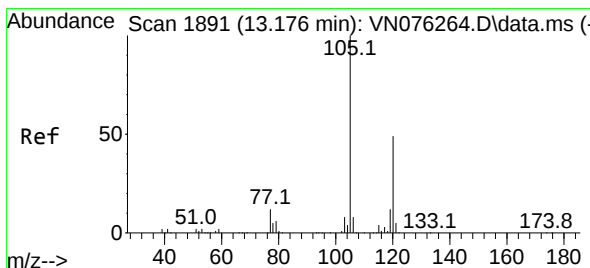
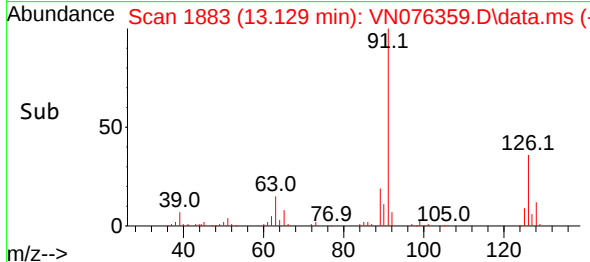
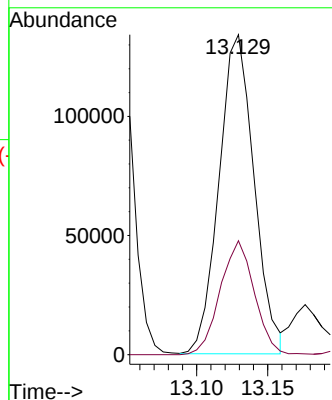
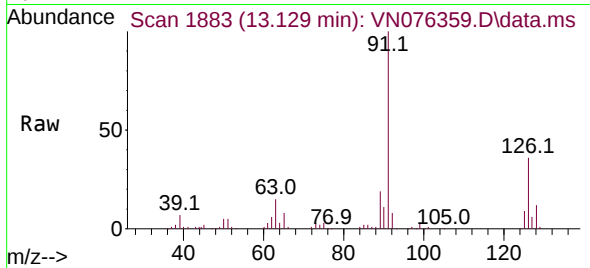
#79
2-Chlorotoluene
Concen: 19.126 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01

Tgt Ion: 91 Resp: 230033
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2

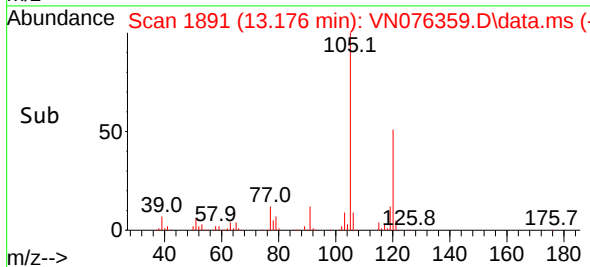
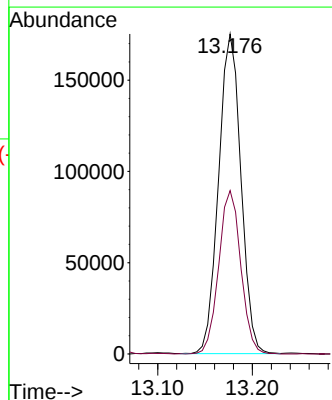
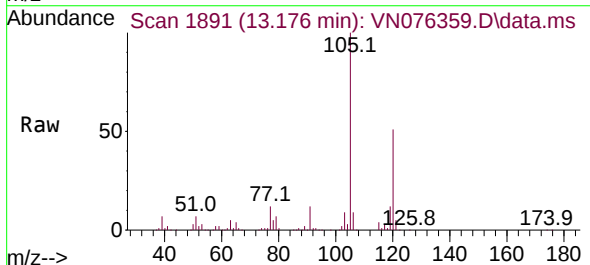
Manual Integrations
APPROVED

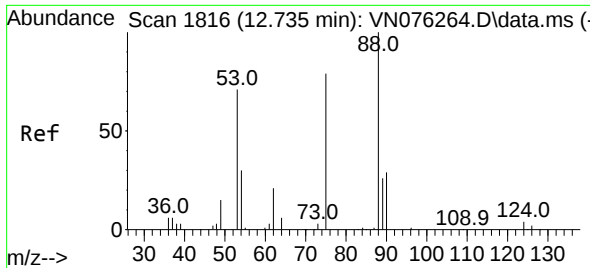
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.743 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Tgt Ion:105 Resp: 287313
Ion Ratio Lower Upper
105 100
120 50.4 25.0 75.0





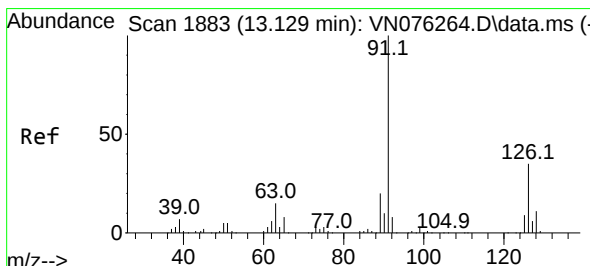
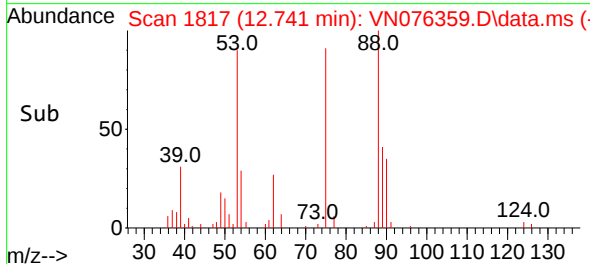
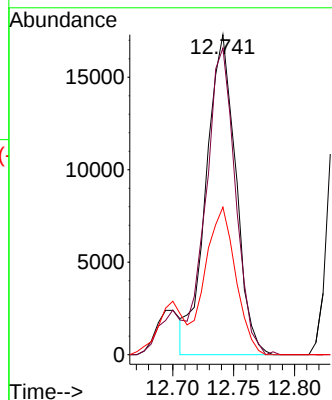
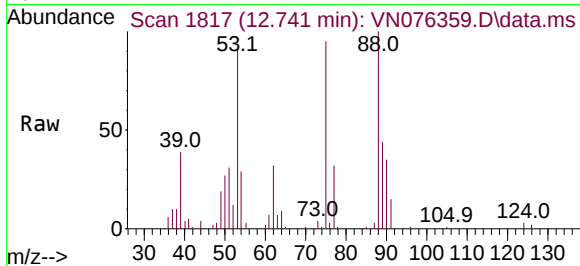
#81
trans-1,4-Dichloro-2-butene
Concen: 21.683 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01

Tgt Ion: 75 Resp: 2926
Ion Ratio Lower Upper
75 100
53 93.8 75.8 113.8
89 47.2 37.0 55.6

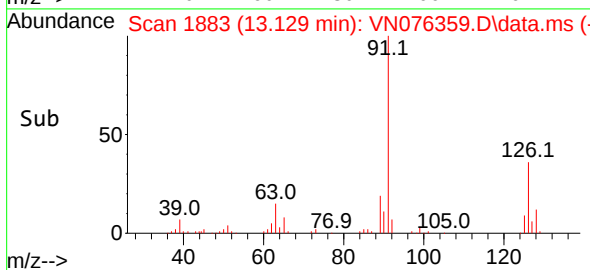
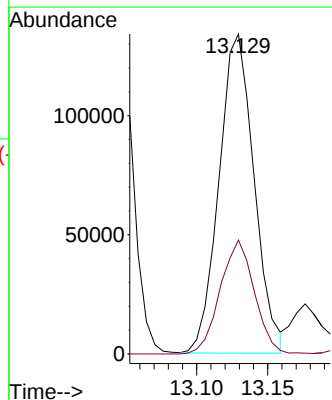
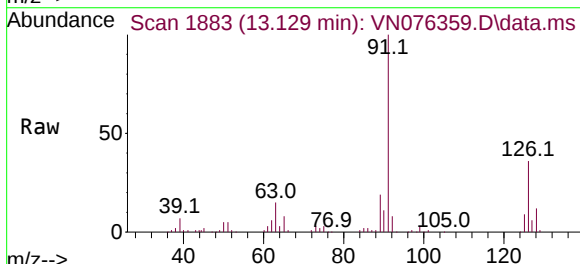
Manual Integrations
APPROVED

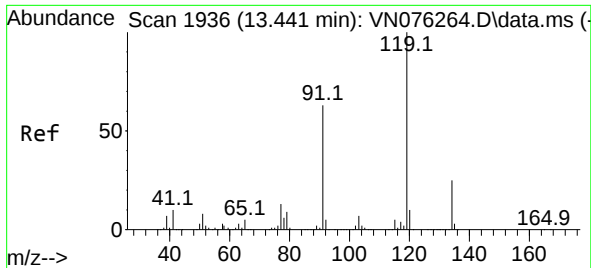
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#82
4-Chlorotoluene
Concen: 19.126 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

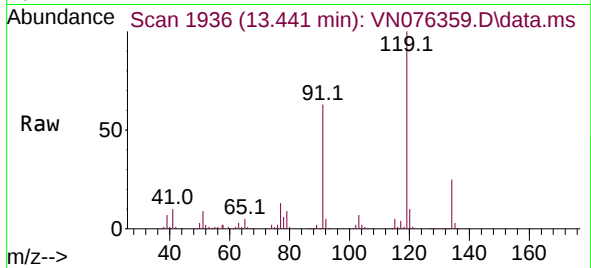
Tgt Ion: 91 Resp: 230033
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2





#83
tert-Butylbenzene
Concen: 20.278 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

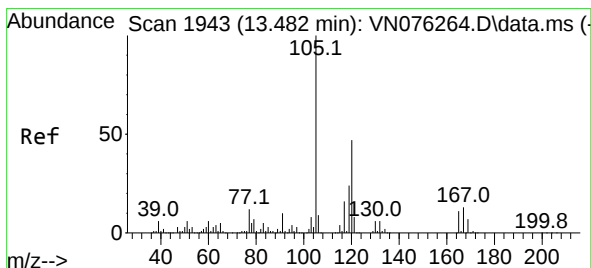
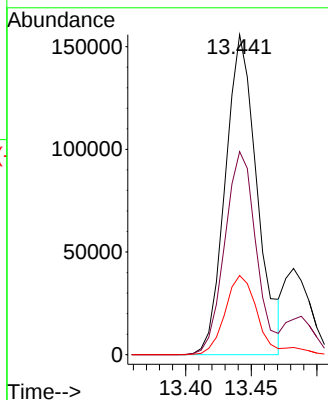
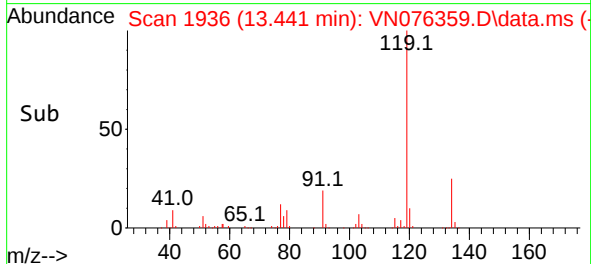
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01



Tgt Ion:119 Resp: 26246
Ion Ratio Lower Upper
119 100
91 63.0 32.2 96.6
134 26.1 13.6 40.8

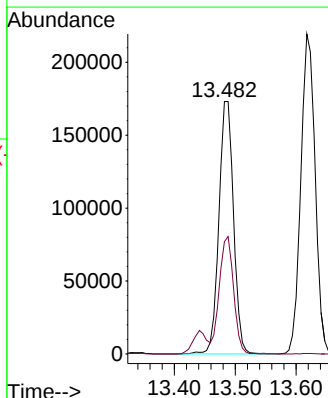
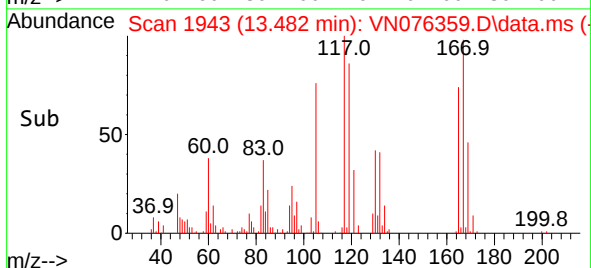
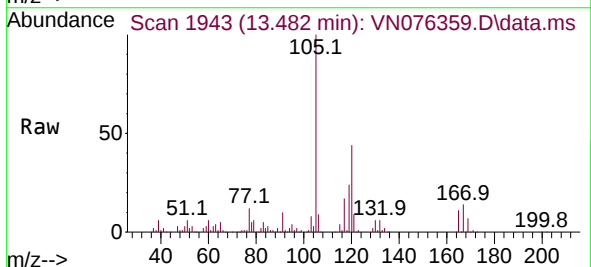
Manual Integrations
APPROVED

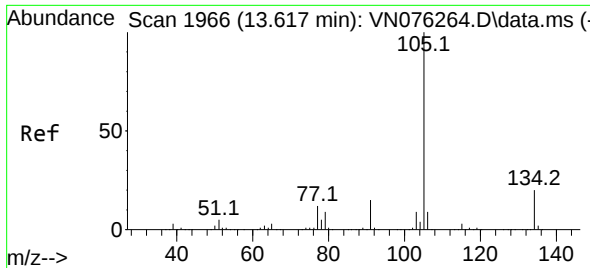
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.817 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

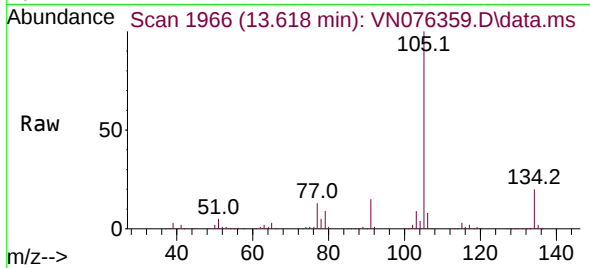
Tgt Ion:105 Resp: 289173
Ion Ratio Lower Upper
105 100
120 45.3 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 19.937 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.001 min
 Lab File: VN076359.D
 Acq: 23 Jan 2023 12:12

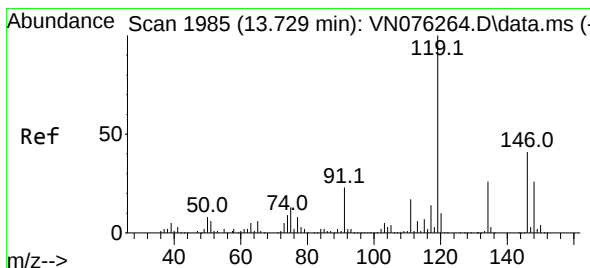
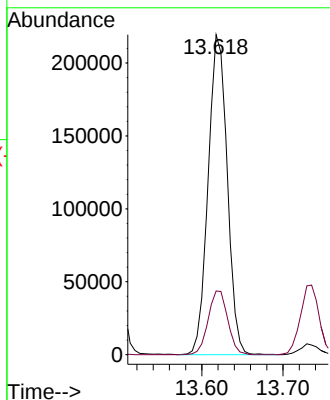
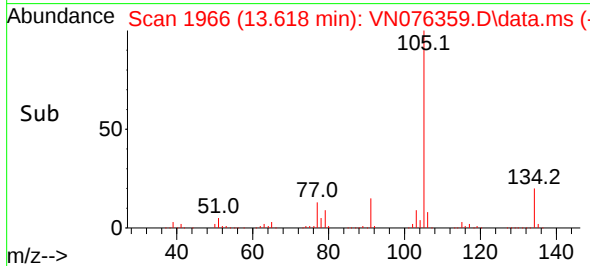
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0123MBSD01



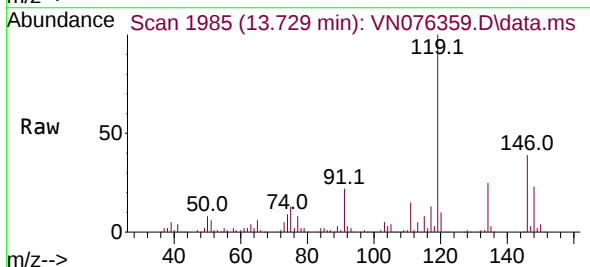
Tgt Ion:105 Resp: 358059
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8

Manual Integrations
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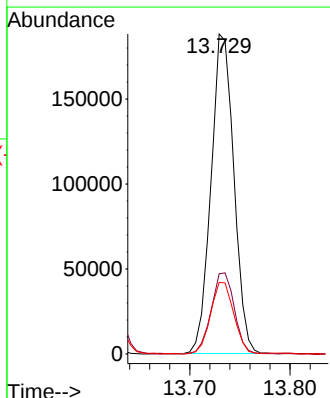
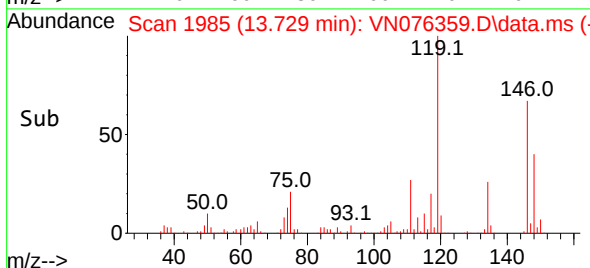
Reviewed By :John Carlone 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023

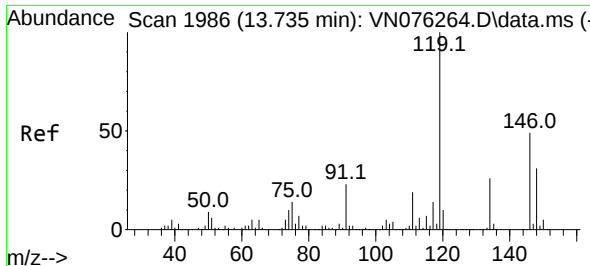


#86
 p-Isopropyltoluene
 Concen: 20.177 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076359.D
 Acq: 23 Jan 2023 12:12



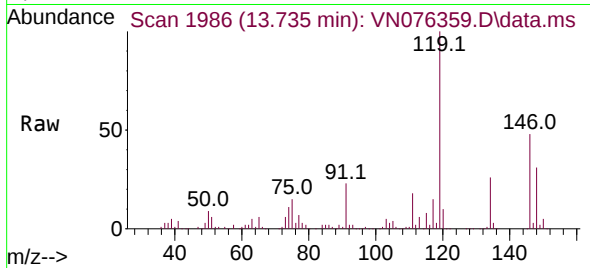
Tgt Ion:119 Resp: 297977
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.6
 91 22.8 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 18.483 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

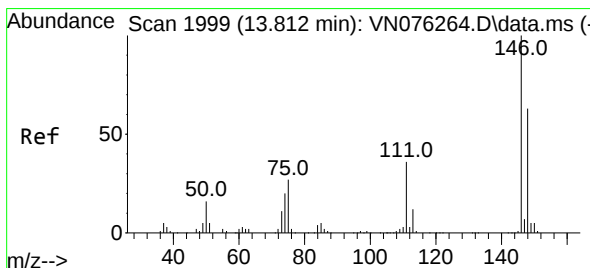
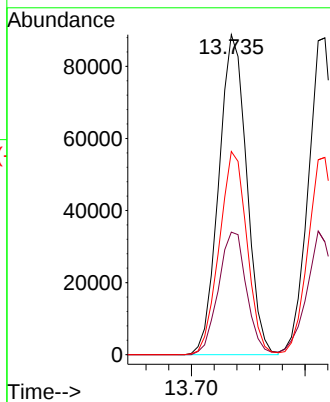
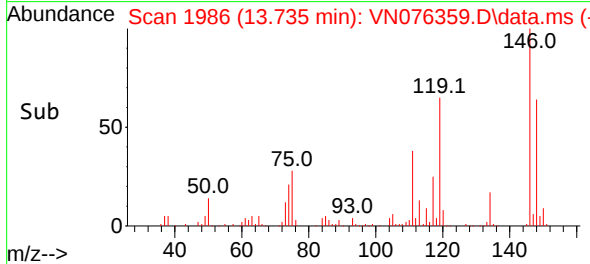
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01



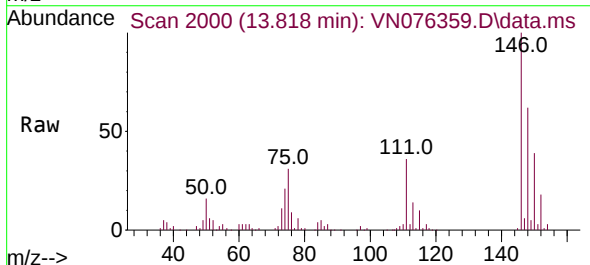
Tgt Ion:146 Resp: 151329
Ion Ratio Lower Upper
146 100
111 38.5 19.9 59.7
148 63.1 31.6 94.8

Manual Integrations
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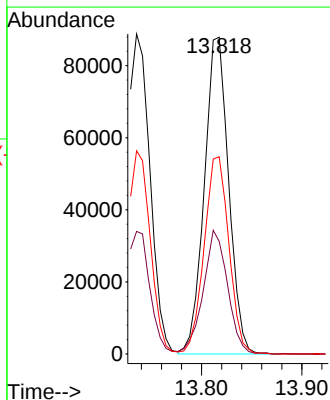
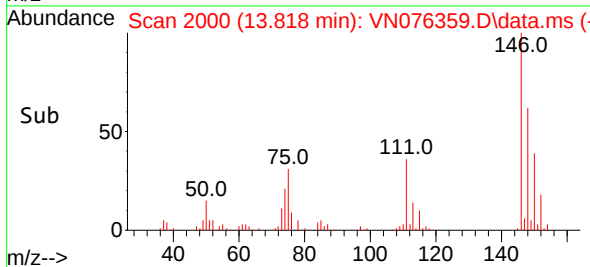
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

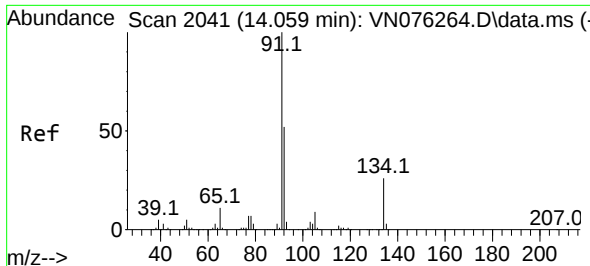


#88
1,4-Dichlorobenzene
Concen: 19.070 ug/l
RT: 13.818 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12



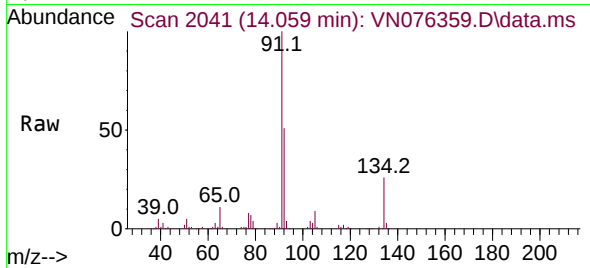
Tgt Ion:146 Resp: 148033
Ion Ratio Lower Upper
146 100
111 39.4 19.1 57.5
148 63.5 31.9 95.9





#89
n-Butylbenzene
Concen: 19.656 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

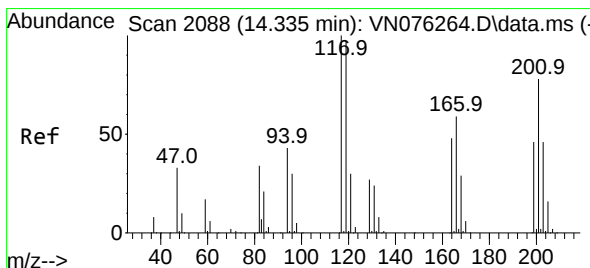
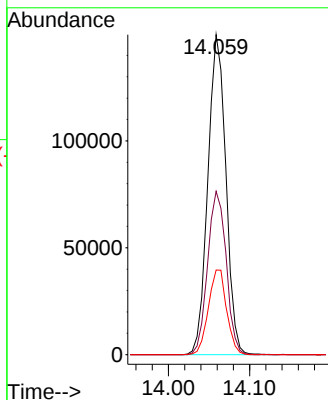
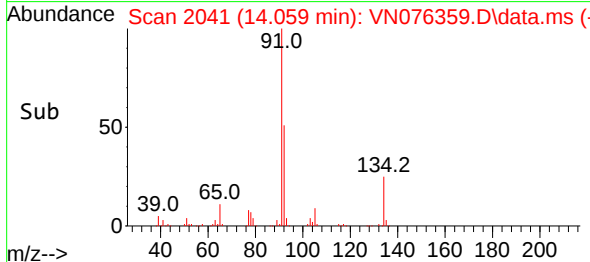
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01



Tgt Ion: 91 Resp: 230435
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 26.9 13.2 39.5

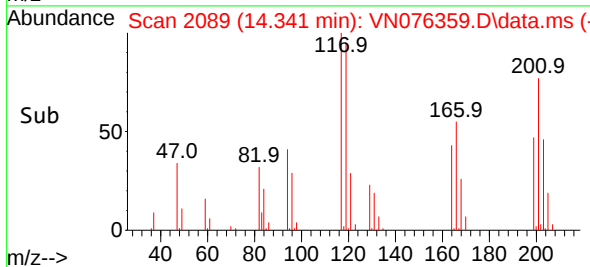
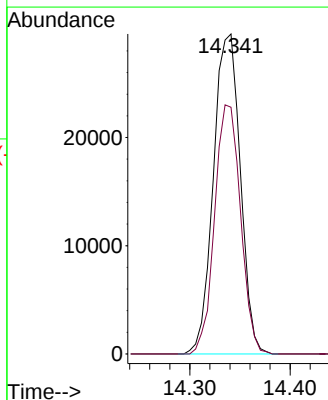
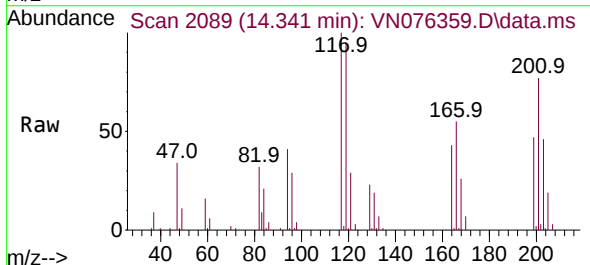
Manual Integrations
APPROVED

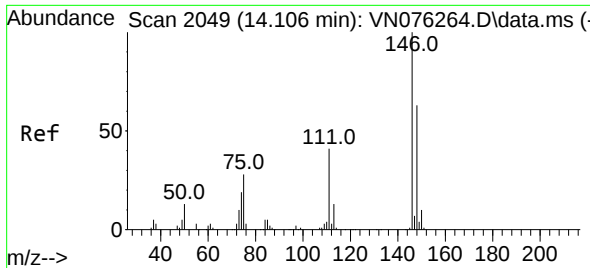
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#90
Hexachloroethane
Concen: 21.615 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Tgt Ion:117 Resp: 55094
Ion Ratio Lower Upper
117 100
201 74.9 37.3 111.9





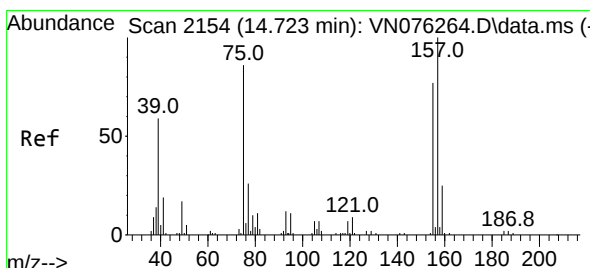
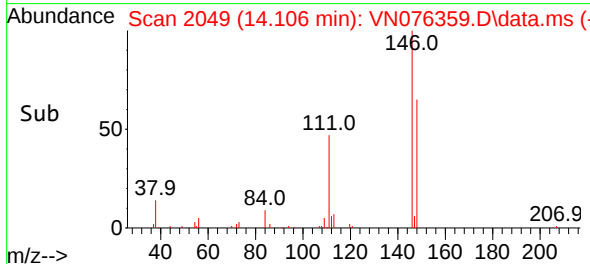
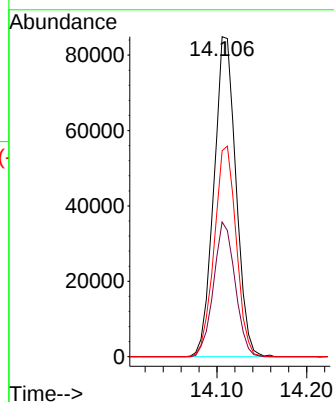
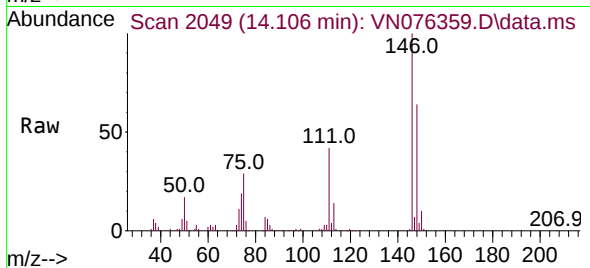
#91
1,2-Dichlorobenzene
Concen: 17.758 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0123MBS01

Tgt Ion:146 Resp: 14481
Ion Ratio Lower Upper
146 100
111 41.1 20.3 60.8
148 65.4 31.8 95.4

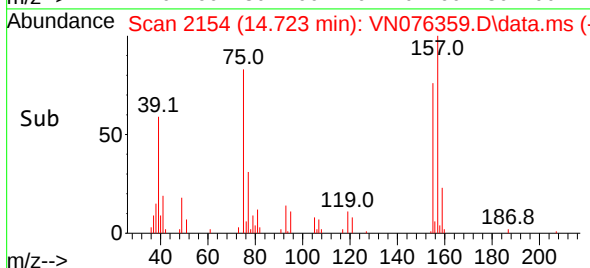
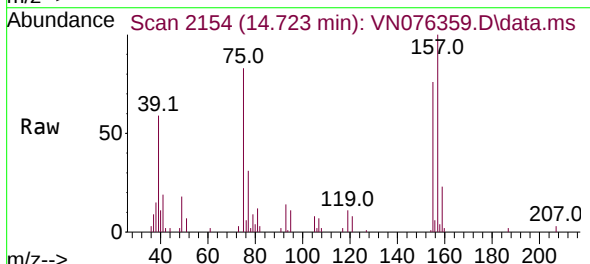
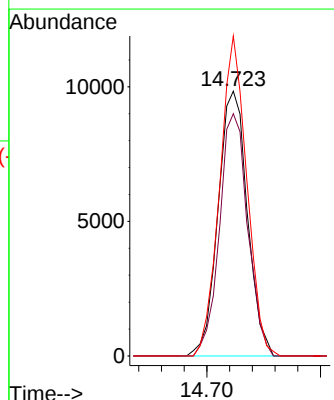
Manual Integrations
APPROVED

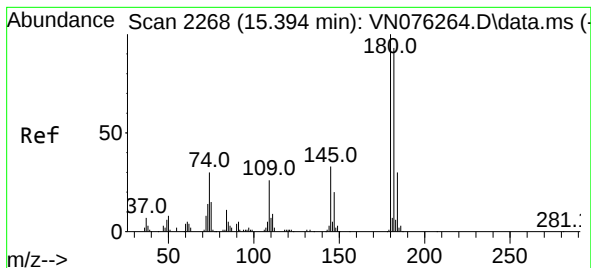
Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.241 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Tgt Ion: 75 Resp: 17570
Ion Ratio Lower Upper
75 100
155 88.3 45.0 135.0
157 111.7 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 18.029 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076359.D

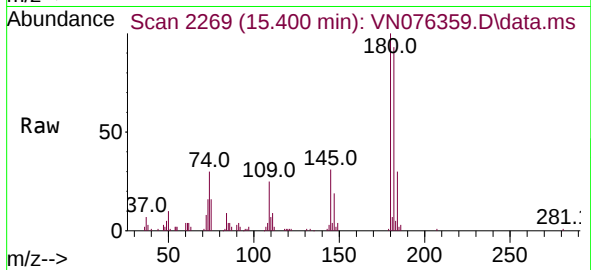
Acq: 23 Jan 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0123MBS01



Tgt Ion:180 Resp: 67662

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

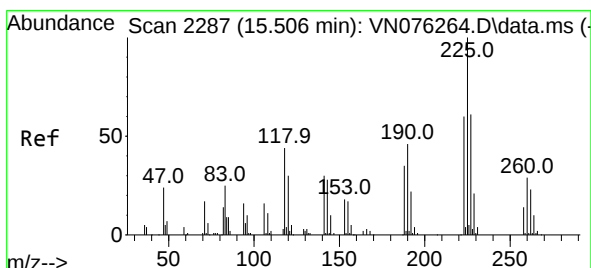
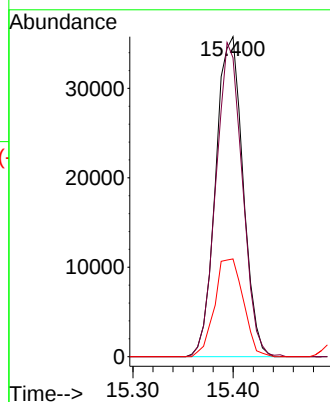
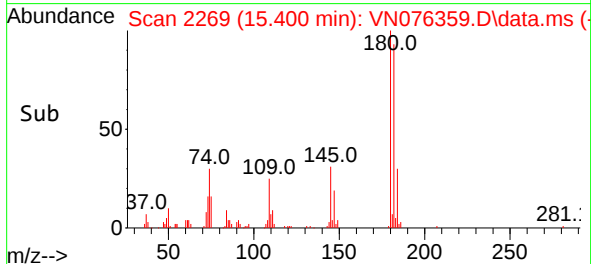
145 32.1 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#94

Hexachlorobutadiene

Concen: 17.650 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076359.D

Acq: 23 Jan 2023 12:12

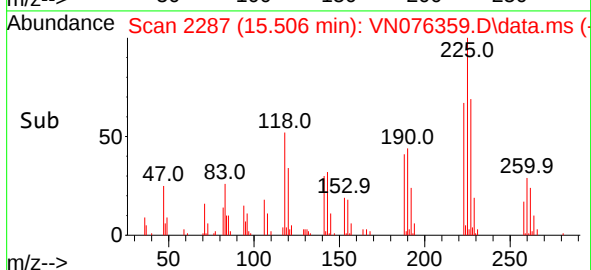
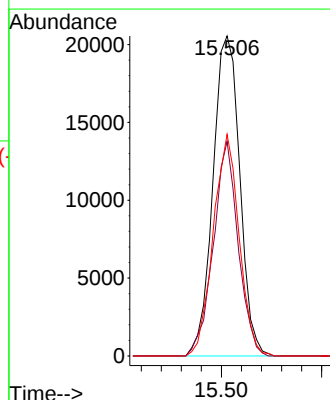
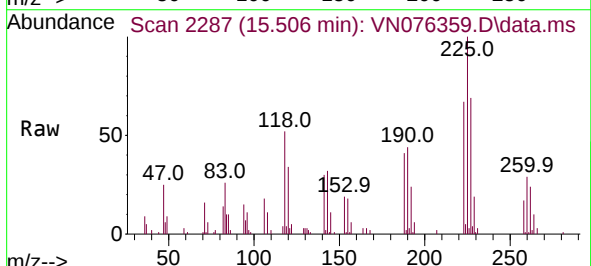
Tgt Ion:225 Resp: 38195

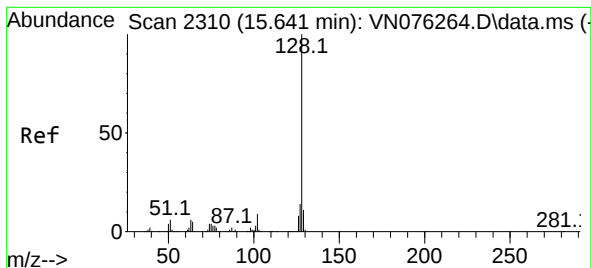
Ion Ratio Lower Upper

225 100

223 62.0 30.8 92.3

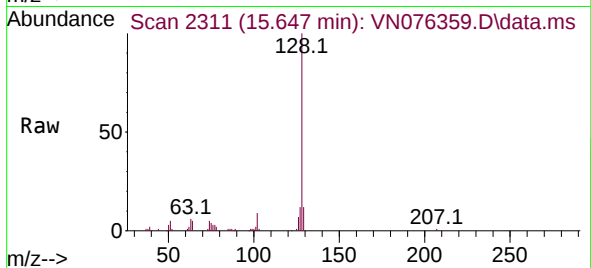
227 66.6 30.9 92.8





#95
Naphthalene
Concen: 18.085 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

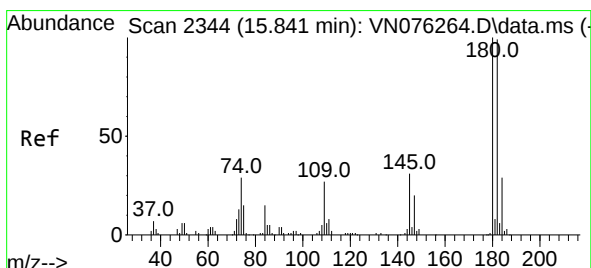
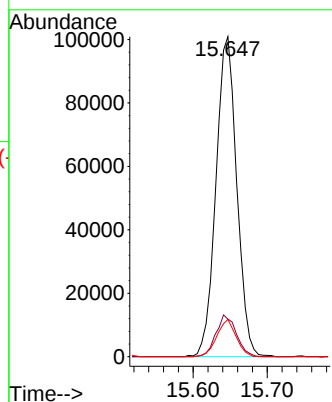
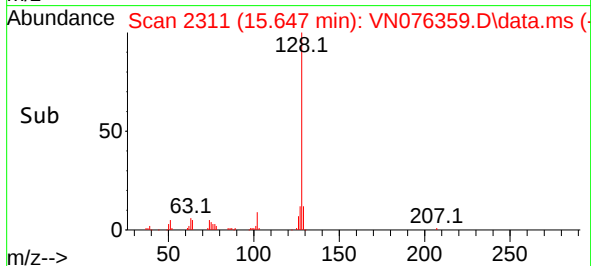
Instrument :
MSVOA_N
ClientSampleId :
VN0123MBSD01



Tgt Ion:128 Resp: 196779
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.823 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076359.D
Acq: 23 Jan 2023 12:12

Tgt Ion:180 Resp: 67929
Ion Ratio Lower Upper
180 100
182 93.6 47.5 142.5
145 30.9 15.9 47.6

