

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
 Data File : VN076559.D
 Acq On : 07 Feb 2023 12:07
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 08 08:57:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 08:54:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2023
 Supervised By : Mahesh Dadoda 02/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	552231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	940683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	824534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	358539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	35401	5.431	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.860%#		
35) Dibromofluoromethane	8.177	113	31230	5.341	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.680%#		
50) Toluene-d8	10.571	98	113558	5.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.320%#		
62) 4-Bromofluorobenzene	12.853	95	39143	5.051	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.100%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	23017	4.012	ug/l	97
3) Chloromethane	2.371	50	24972	4.736	ug/l	100
4) Vinyl Chloride	2.530	62	22937	4.738	ug/l	94
5) Bromomethane	2.954	94	19942	5.552	ug/l	99
6) Chloroethane	3.124	64	14046	4.797	ug/l	100
7) Trichlorofluoromethane	3.506	101	51226	5.368	ug/l	100
8) Diethyl Ether	3.977	74	17898	4.953	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	29182	4.937	ug/l	99
10) Methyl Iodide	4.606	142	38681	4.474	ug/l	99
11) Tert butyl alcohol	5.547	59	21870	25.760	ug/l #	72
12) 1,1-Dichloroethene	4.359	96	28099	5.088	ug/l	98
13) Acrolein	4.200	56	31283	27.583	ug/l	95
14) Allyl chloride	5.042	41	33383	4.641	ug/l	99
15) Acrylonitrile	5.736	53	62479	24.524	ug/l	97
16) Acetone	4.453	43	57082	26.563	ug/l	94
17) Carbon Disulfide	4.724	76	66783	4.668	ug/l	99
18) Methyl Acetate	5.047	43	32506	4.781	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	91666	4.991	ug/l	99
20) Methylene Chloride	5.289	84	34797	5.253	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	29523	4.919	ug/l	97
22) Diisopropyl ether	6.683	45	82237	5.045	ug/l	98
23) Vinyl Acetate	6.618	43	254018m	24.827	ug/l	
24) 1,1-Dichloroethane	6.583	63	52726	5.037	ug/l	99
25) 2-Butanone	7.494	43	78044	25.266	ug/l	97
26) 2,2-Dichloropropane	7.500	77	43349	4.961	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	34829	4.962	ug/l	98
28) Bromochloromethane	7.818	49	22142	5.279	ug/l	95
29) Tetrahydrofuran	7.847	42	48006	24.182	ug/l	99
30) Chloroform	7.977	83	58369	5.140	ug/l	99
31) Cyclohexane	8.265	56	57320	5.564	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	51174	5.029	ug/l	91
36) 1,1-Dichloropropene	8.377	75	41421	4.961	ug/l	99
37) Ethyl Acetate	7.571	43	30503	4.800	ug/l	98
38) Carbon Tetrachloride	8.371	117	44564	4.964	ug/l	99
39) Methylcyclohexane	9.600	83	51134	4.932	ug/l	95
40) Benzene	8.612	78	127314	5.030	ug/l	98

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Supervised By : Mahesh Dadoda 02/08/2023

Quant Time: Feb 08 08:57:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 08:54:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	18075	5.103	ug/l	96
42) 1,2-Dichloroethane	8.677	62	41990	5.096	ug/l	99
43) Isopropyl Acetate	8.694	43	48947	4.703	ug/l	99
44) Trichloroethene	9.353	130	33723	4.990	ug/l	97
45) 1,2-Dichloropropane	9.624	63	30172	4.964	ug/l	99
46) Dibromomethane	9.712	93	22395	5.107	ug/l	94
47) Bromodichloromethane	9.894	83	44459	5.042	ug/l	93
48) Methyl methacrylate	9.682	41	25096	4.903	ug/l	94
49) 1,4-Dioxane	9.700	88	11324	103.414	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	154705	24.731	ug/l	98
52) Toluene	10.635	92	80944	4.956	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	39643	4.653	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	47172	4.855	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	32821	5.131	ug/l	95
56) Ethyl methacrylate	10.877	69	40646	4.747	ug/l	98
57) 1,3-Dichloropropane	11.165	76	52431	5.063	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	57906	23.667	ug/l	99
59) 2-Hexanone	11.200	43	110902	24.868	ug/l	96
60) Dibromochloromethane	11.359	129	32698	4.850	ug/l	99
61) 1,2-Dibromoethane	11.471	107	31445	4.966	ug/l	99
64) Tetrachloroethene	11.106	164	37061	5.398	ug/l	90
65) Chlorobenzene	11.894	112	87858	5.153	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	30923	4.897	ug/l	99
67) Ethyl Benzene	11.965	91	150490	4.966	ug/l	99
68) m/p-Xylenes	12.076	106	117198	9.927	ug/l	99
69) o-Xylene	12.400	106	57866	5.005	ug/l	100
70) Styrene	12.418	104	88477	4.812	ug/l	98
71) Bromoform	12.582	173	21765	4.938	ug/l #	99
73) Isopropylbenzene	12.700	105	146485	4.989	ug/l	100
74) N-amyl acetate	12.500	43	38407	4.690	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	41124	5.110	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	31769m	4.478	ug/l	
77) Bromobenzene	12.982	156	33632	4.924	ug/l	97
78) n-propylbenzene	13.041	91	158035	4.888	ug/l	100
79) 2-Chlorotoluene	13.129	91	105091	5.102	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	122434	5.024	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	9887m	4.588	ug/l	
82) 4-Chlorotoluene	13.129	91	105091	5.102	ug/l	98
83) tert-Butylbenzene	13.441	119	111472	5.107	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	119280	4.918	ug/l	98
85) sec-Butylbenzene	13.618	105	146143	4.965	ug/l	99
86) p-Isopropyltoluene	13.729	119	116879	4.845	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	62502	4.972	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	63140	4.945	ug/l	94
89) n-Butylbenzene	14.059	91	86980	4.554	ug/l	100
90) Hexachloroethane	14.335	117	20324	4.837	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	61000	4.922	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	6804	4.885	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	24897	4.384	ug/l	99
94) Hexachlorobutadiene	15.500	225	15994	5.009	ug/l	99
95) Naphthalene	15.647	128	64783	3.921	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	23438	4.310	ug/l	97

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

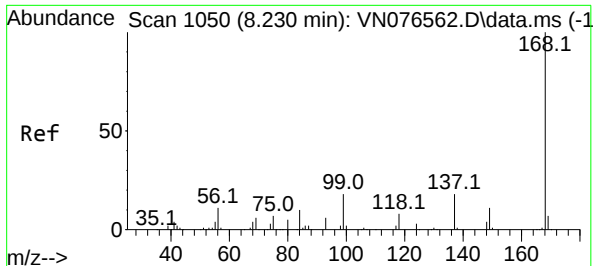
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/08/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 08:54:01 2023
Response via : Initial Calibration

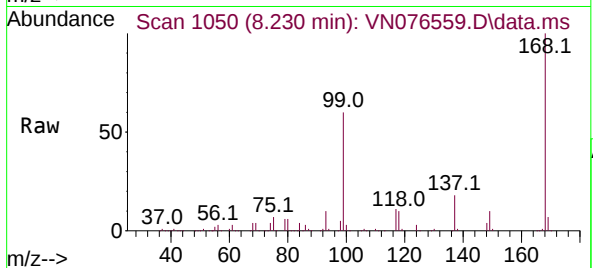
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

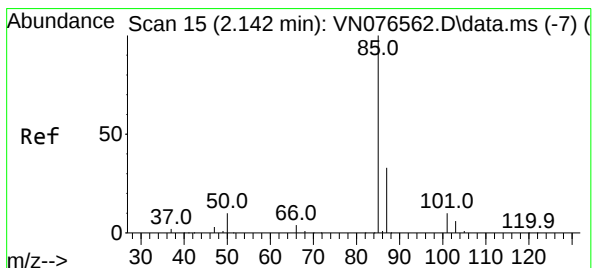
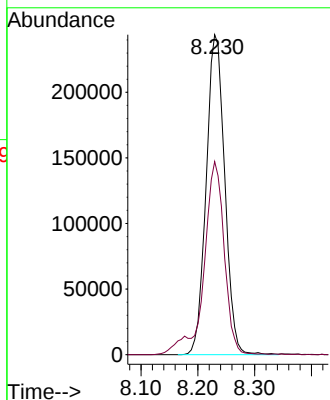
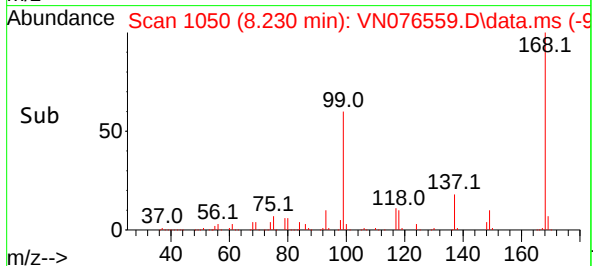
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 55223
Ion Ratio Lower Upper
168 100
99 60.2 47.8 71.8

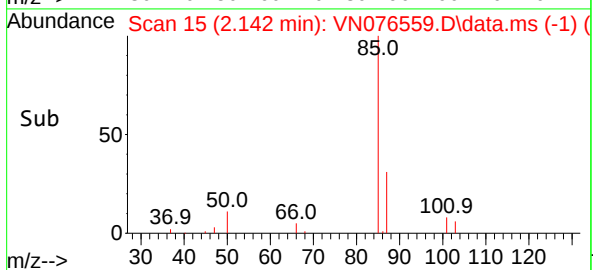
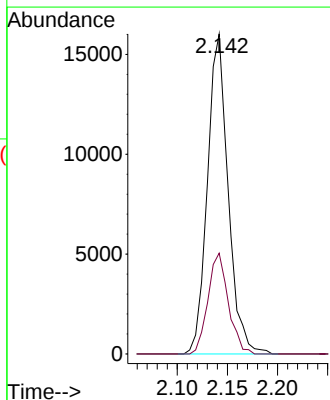
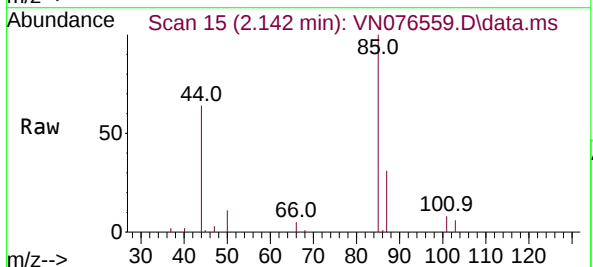
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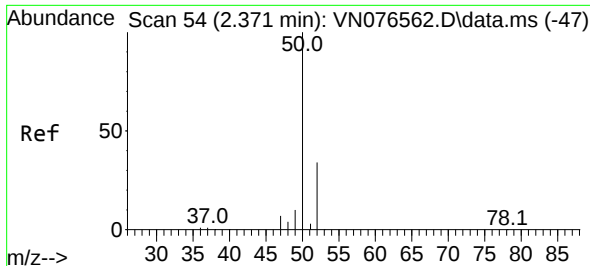
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#2
Dichlorodifluoromethane
Concen: 4.012 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

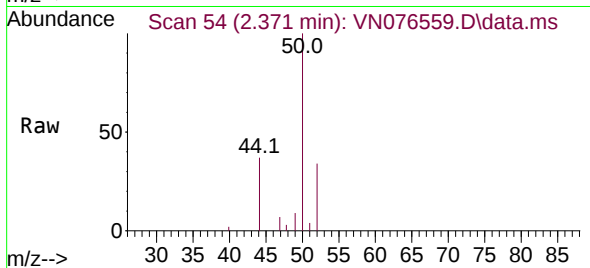
Tgt Ion: 85 Resp: 23017
Ion Ratio Lower Upper
85 100
87 31.5 16.6 49.8





#3
Chloromethane
Concen: 4.736 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

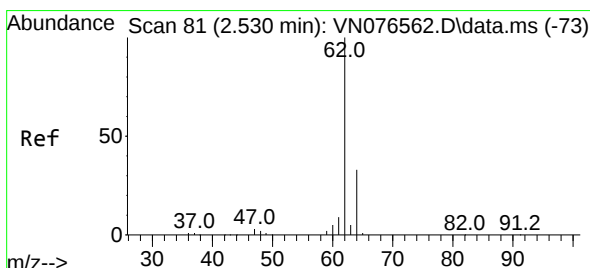
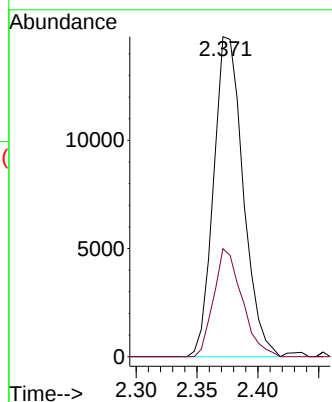
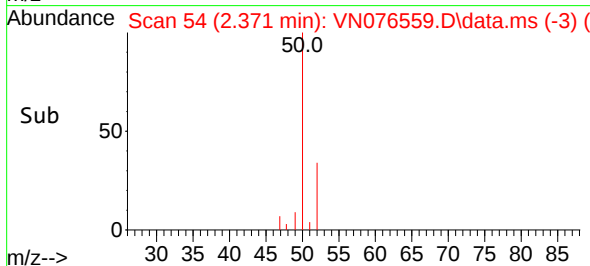
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 24972
Ion Ratio Lower Upper
50 100
52 33.7 27.0 40.4

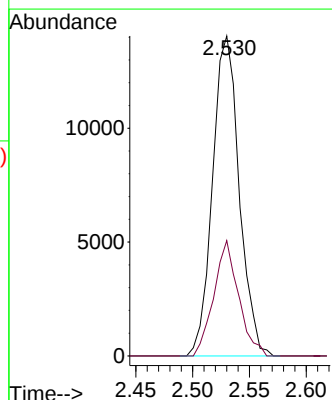
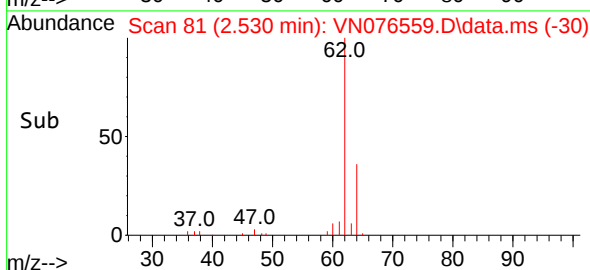
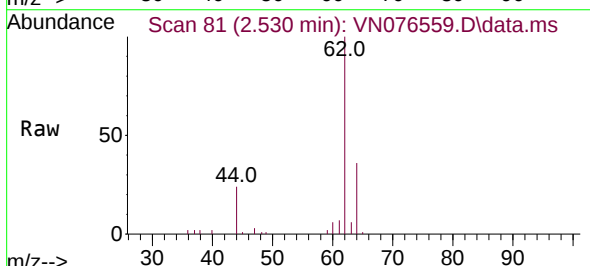
Manual Integrations
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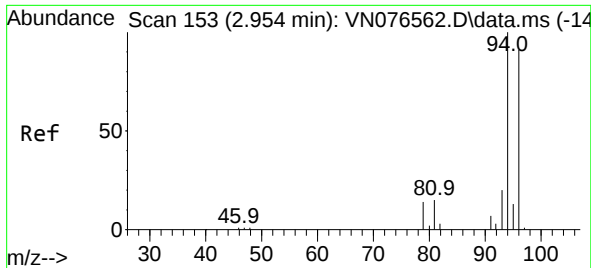
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#4
Vinyl Chloride
Concen: 4.738 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

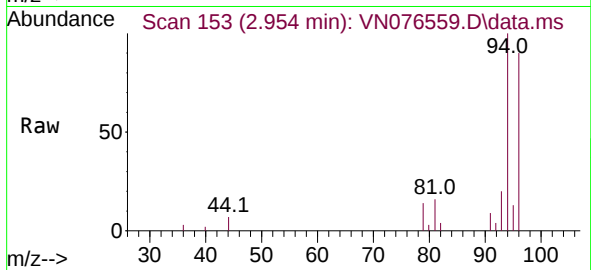
Tgt Ion: 62 Resp: 22937
Ion Ratio Lower Upper
62 100
64 36.0 26.0 39.0





#5
Bromomethane
Concen: 5.552 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

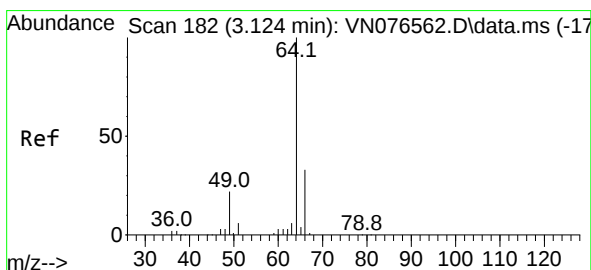
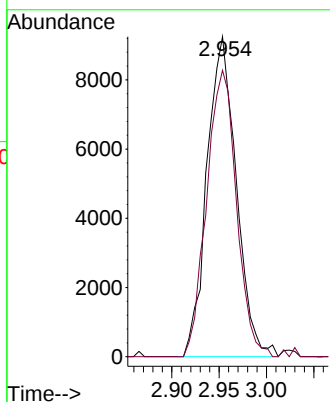
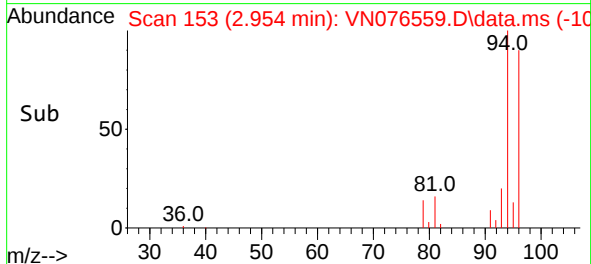
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



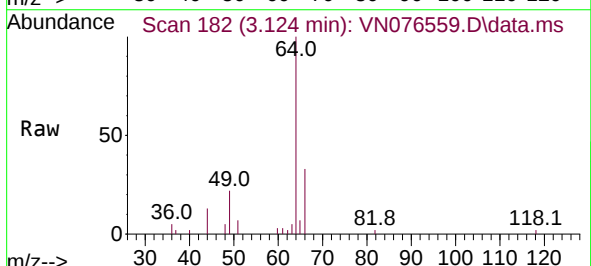
Tgt Ion: 94 Resp: 1994
Ion Ratio Lower Upper
94 100
96 89.5 72.7 109.1

Manual Integrations
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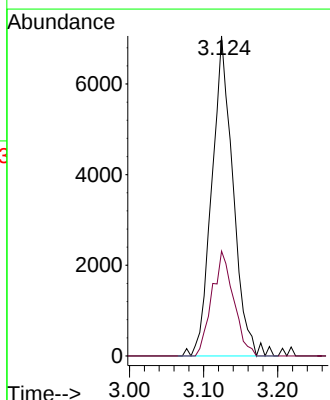
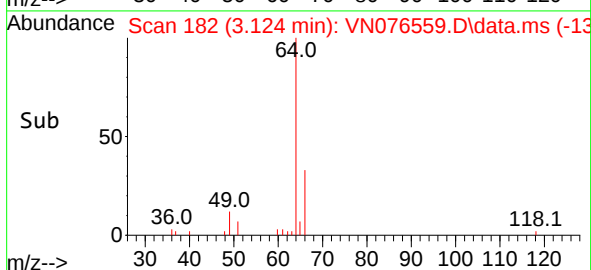
Reviewed By :John Carlone 02/08/2023
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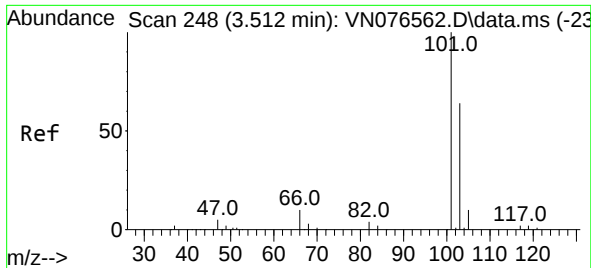


#6
Chloroethane
Concen: 4.797 ug/l
RT: 3.124 min Scan# 182
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07



Tgt Ion: 64 Resp: 14046
Ion Ratio Lower Upper
64 100
66 32.8 26.3 39.5





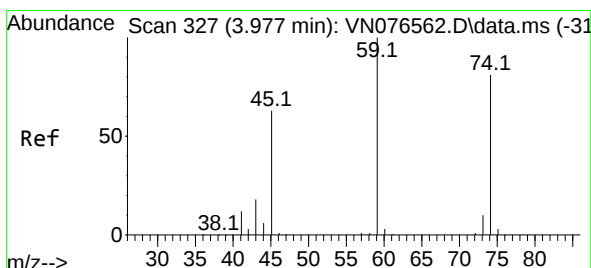
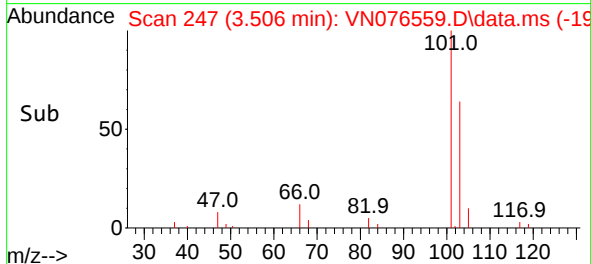
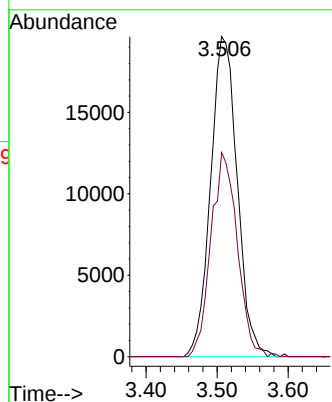
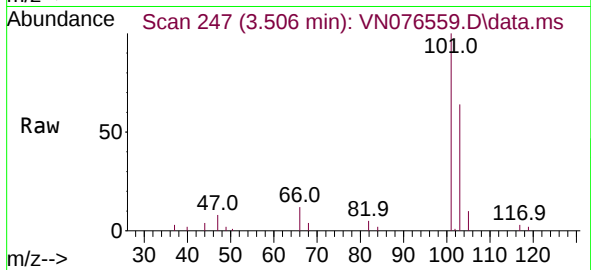
#7
Trichlorofluoromethane
Concen: 5.368 ug/l
RT: 3.506 min Scan# 248
Delta R.T. -0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 51220
Ion Ratio Lower Upper
101 100
103 63.8 51.3 76.9

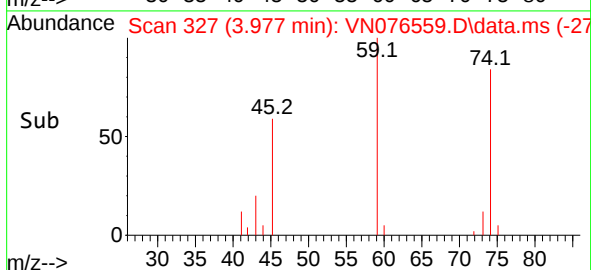
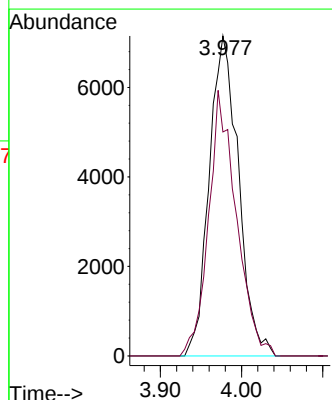
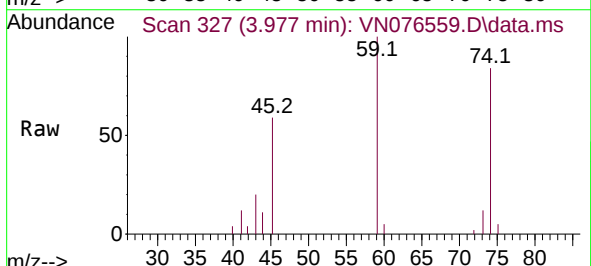
Manual Integrations
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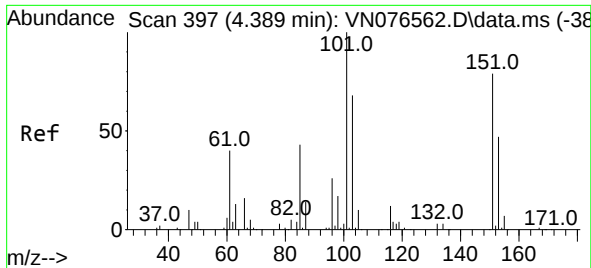
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#8
Diethyl Ether
Concen: 4.953 ug/l
RT: 3.977 min Scan# 327
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

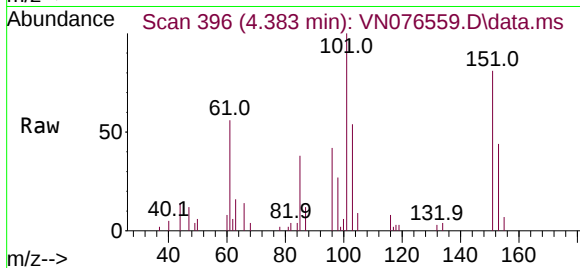
Tgt Ion: 74 Resp: 17898
Ion Ratio Lower Upper
74 100
45 78.6 39.8 119.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.937 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN076559.D
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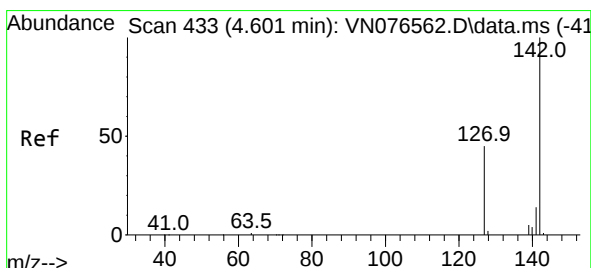
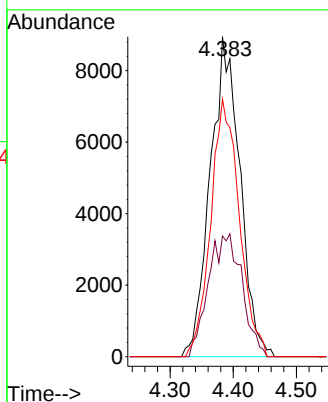
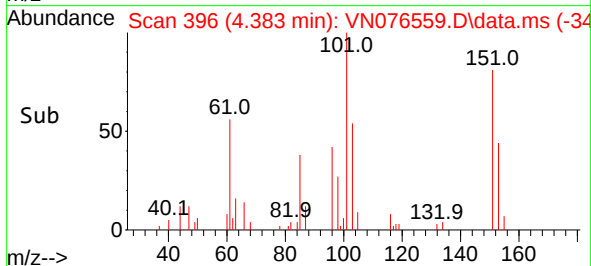
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 2918
Ion Ratio Lower Upper
101 100
85 43.5 33.9 50.9
151 77.4 62.5 93.7

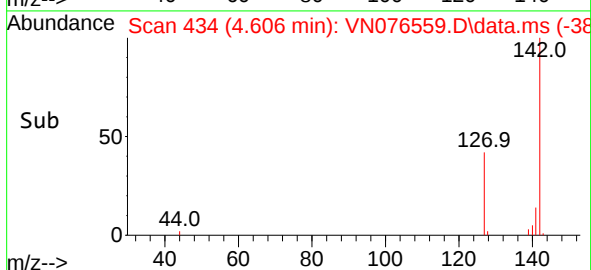
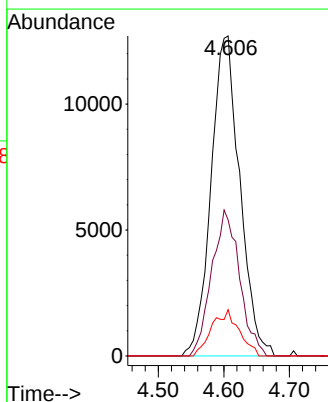
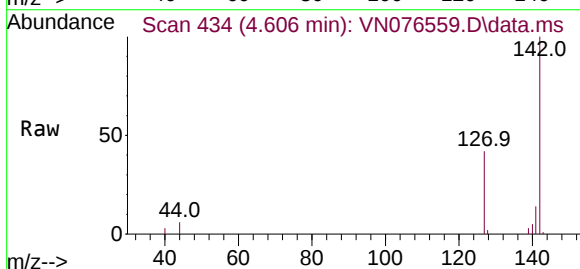
Manual Integrations
APPROVED

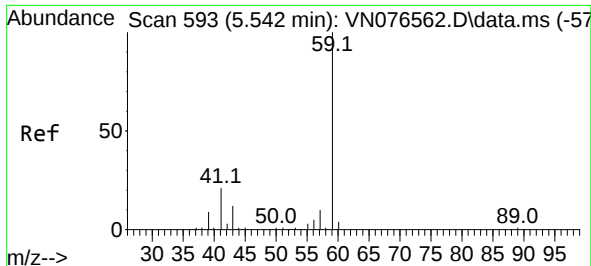
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#10
Methyl Iodide
Concen: 4.474 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

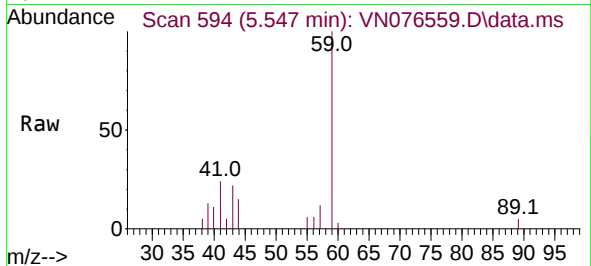
Tgt Ion:142 Resp: 38681
Ion Ratio Lower Upper
142 100
127 44.2 34.8 52.2
141 13.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 25.760 ug/l
RT: 5.547 min Scan# 593
Delta R.T. 0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

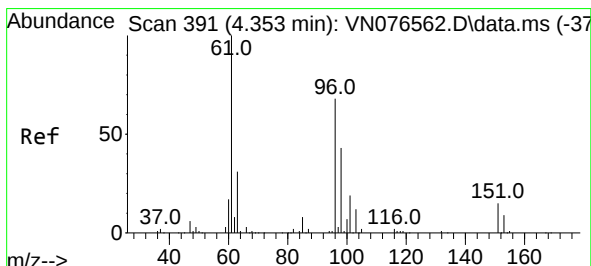
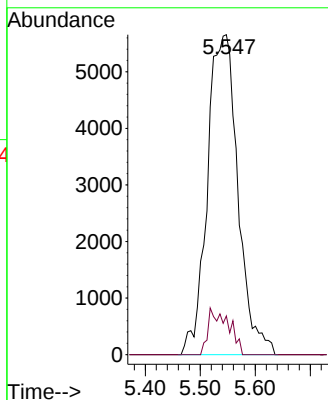
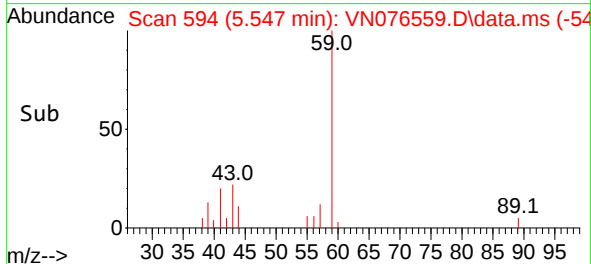
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 21870
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

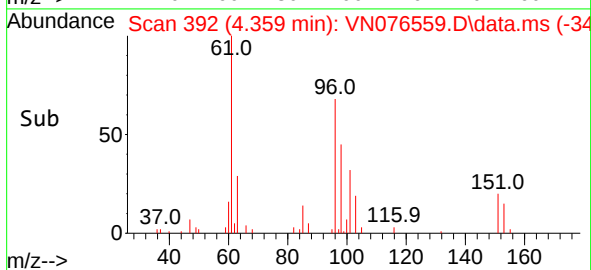
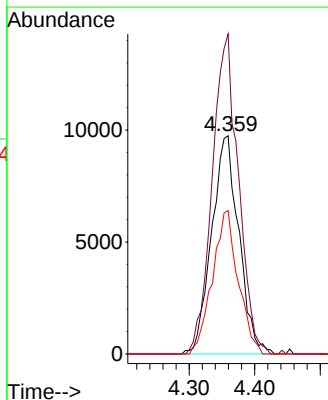
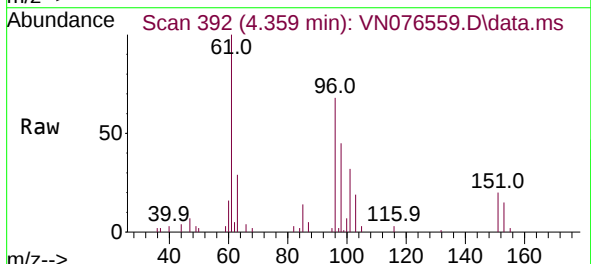
Manual Integrations
APPROVED

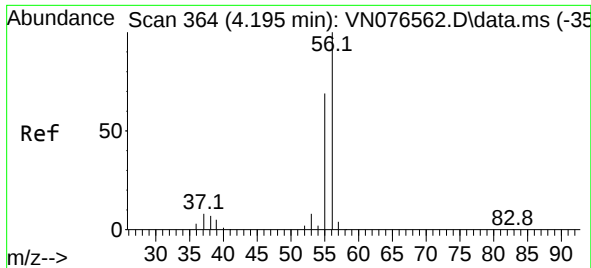
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#12
1,1-Dichloroethene
Concen: 5.088 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

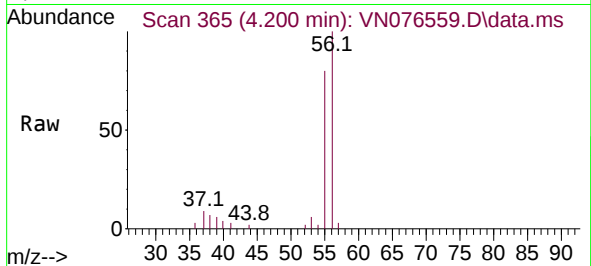
Tgt Ion: 96 Resp: 28099
Ion Ratio Lower Upper
96 100
61 146.7 118.3 177.5
98 65.7 50.7 76.1





#13
Acrolein
Concen: 27.583 ug/l
RT: 4.200 min Scan# 3128
Delta R.T. 0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

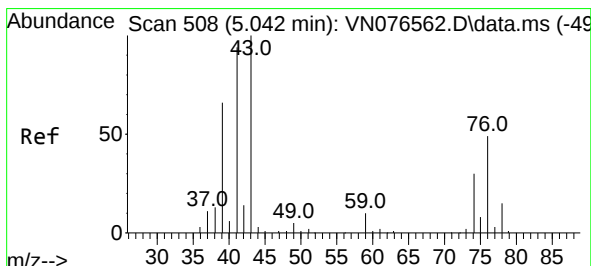
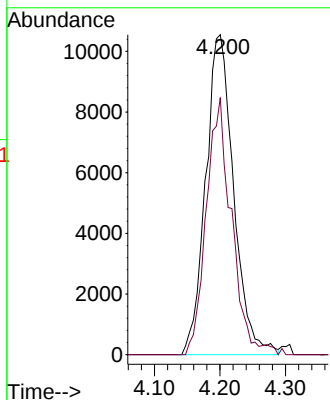
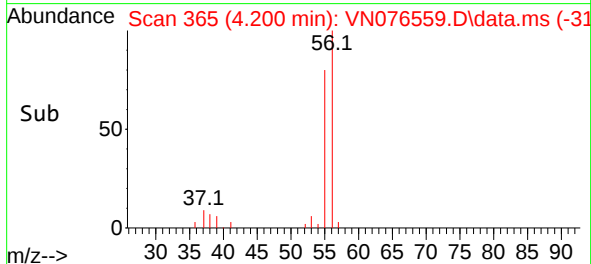
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 3128
Ion Ratio Lower Upper
56 100
55 72.6 54.7 82.1

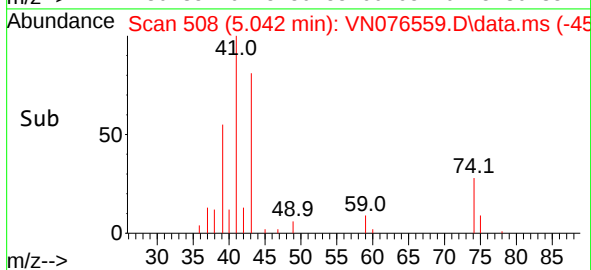
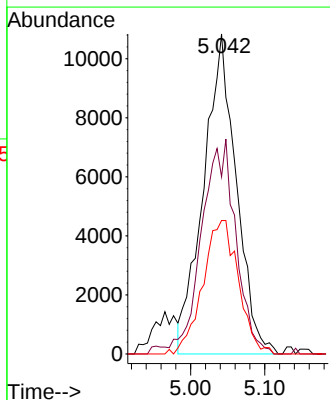
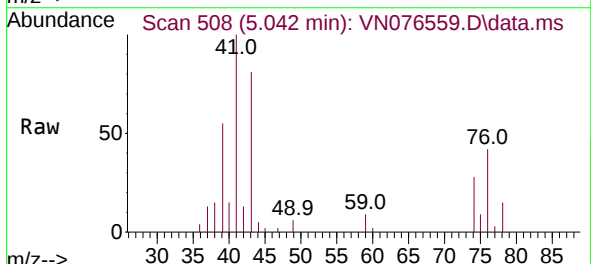
Manual Integrations
APPROVED

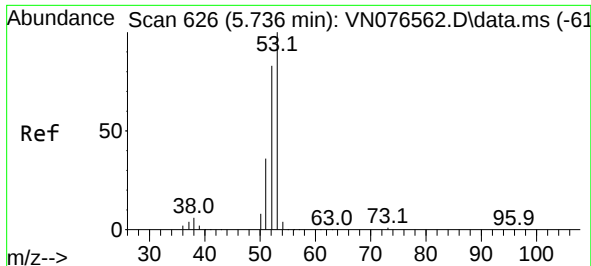
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#14
Allyl chloride
Concen: 4.641 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

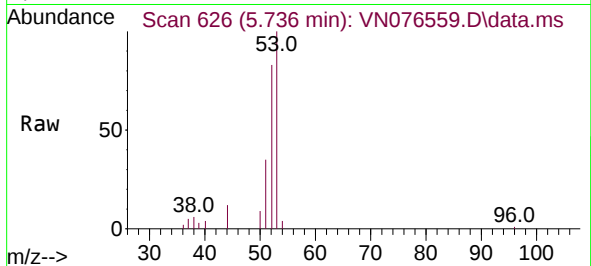
Tgt Ion: 41 Resp: 33383
Ion Ratio Lower Upper
41 100
39 69.4 55.8 83.6
76 45.2 36.8 55.2





#15
Acrylonitrile
Concen: 24.524 ug/l
RT: 5.736 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

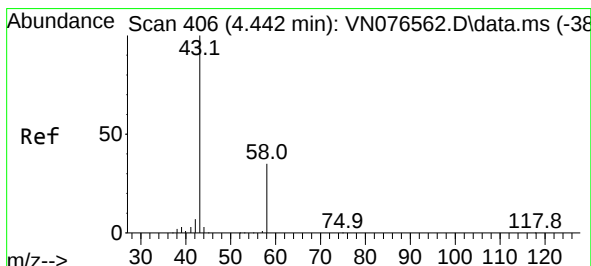
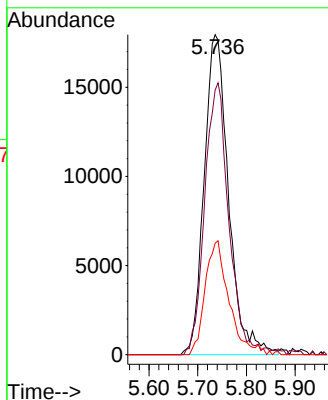
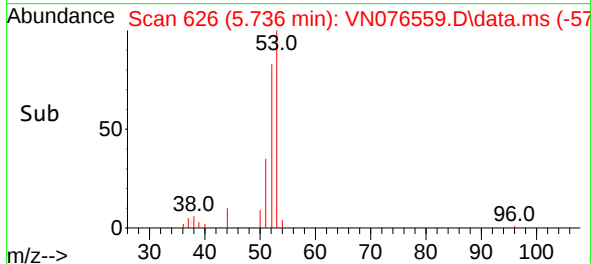
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 62479
Ion Ratio Lower Upper
53 100
52 84.0 64.6 96.8
51 34.0 27.9 41.9

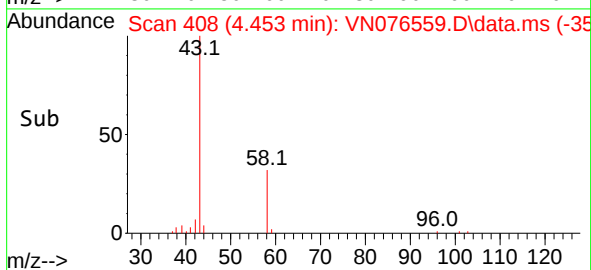
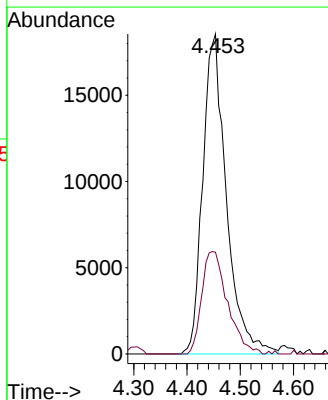
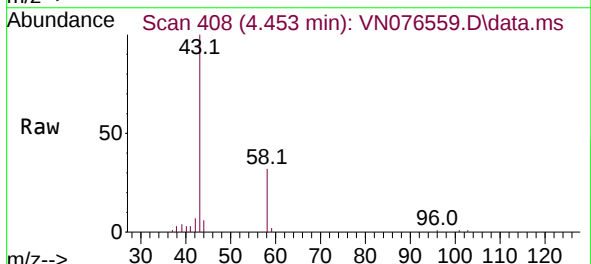
Manual Integrations
APPROVED

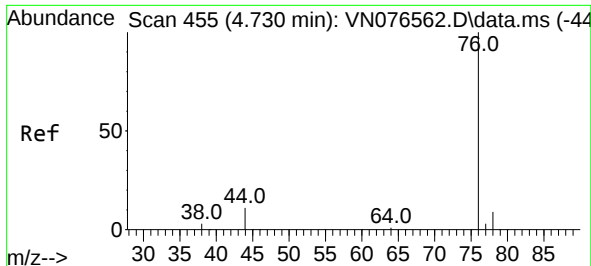
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#16
Acetone
Concen: 26.563 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Tgt Ion: 43 Resp: 57082
Ion Ratio Lower Upper
43 100
58 31.8 28.4 42.6





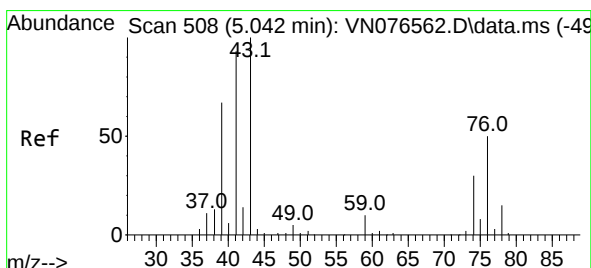
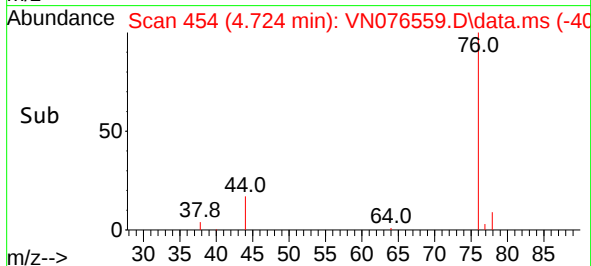
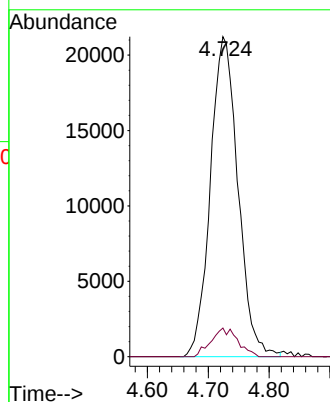
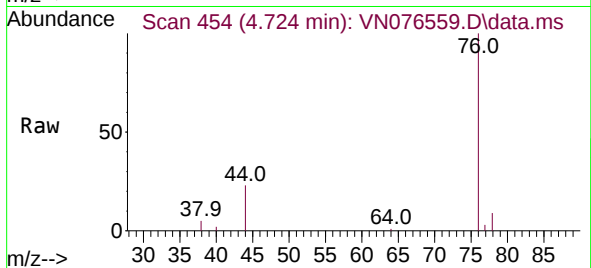
#17
Carbon Disulfide
Concen: 4.668 ug/l
RT: 4.724 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 6678
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

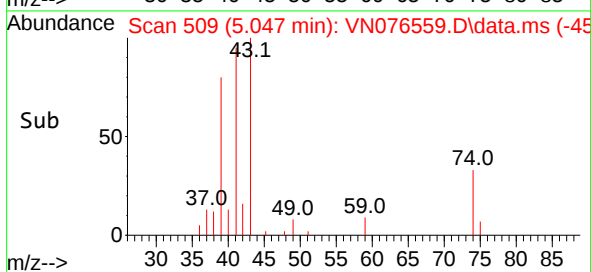
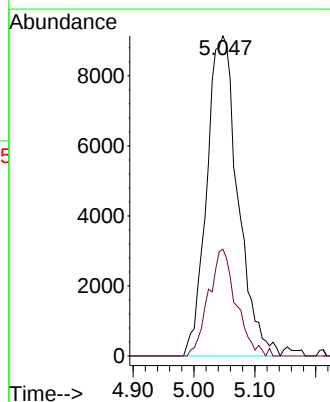
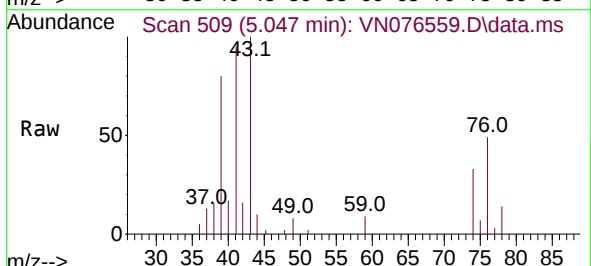
Manual Integrations
APPROVED

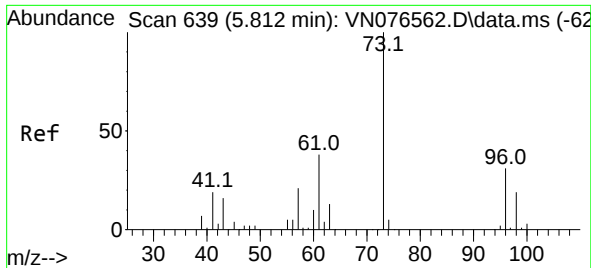
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#18
Methyl Acetate
Concen: 4.781 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Tgt Ion: 43 Resp: 32506
Ion Ratio Lower Upper
43 100
74 29.4 23.9 35.9





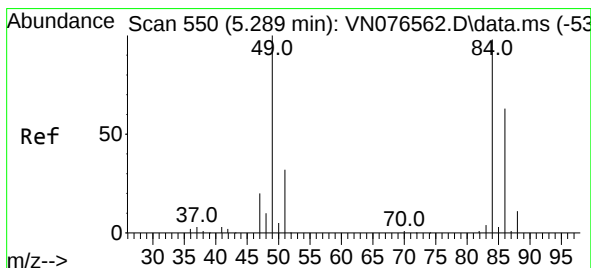
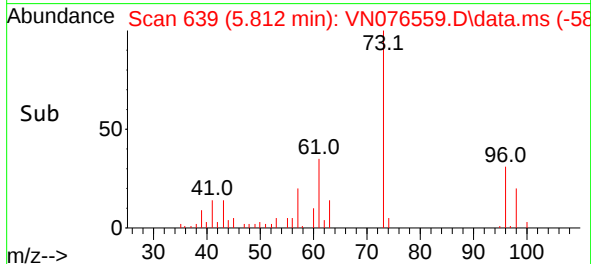
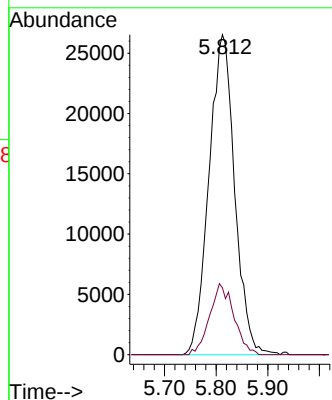
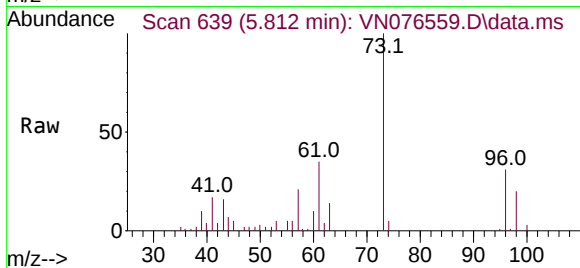
#19
Methyl tert-butyl Ether
Concen: 4.991 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 9166
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.6

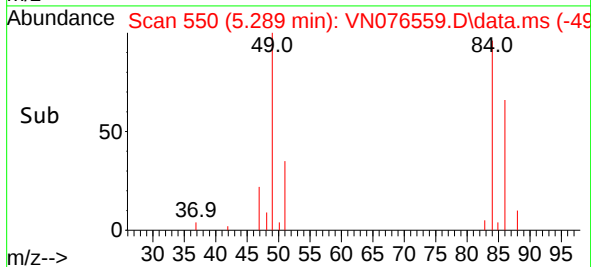
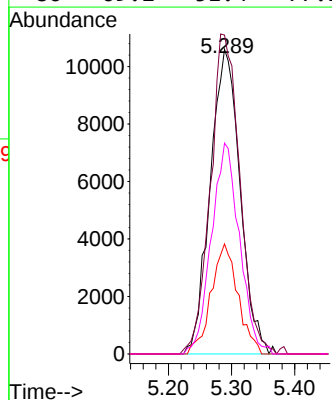
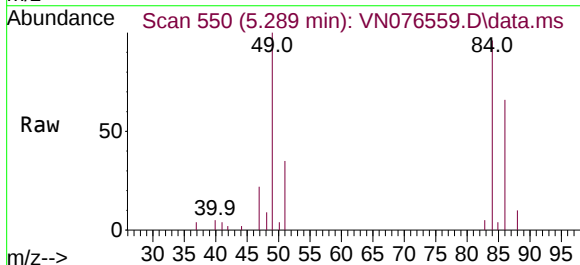
Manual Integrations
APPROVED

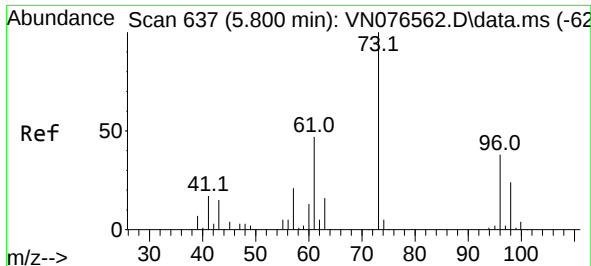
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#20
Methylene Chloride
Concen: 5.253 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

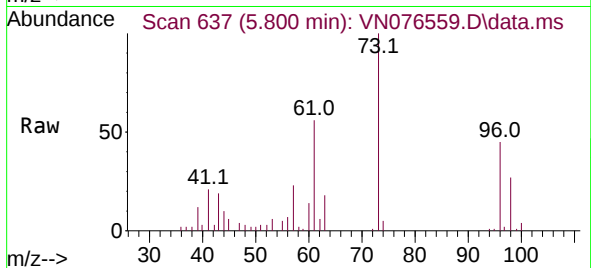
Tgt Ion: 84 Resp: 34797
Ion Ratio Lower Upper
84 100
49 104.7 82.0 123.0
51 36.1 26.0 39.0
86 69.2 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 4.919 ug/l
RT: 5.800 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

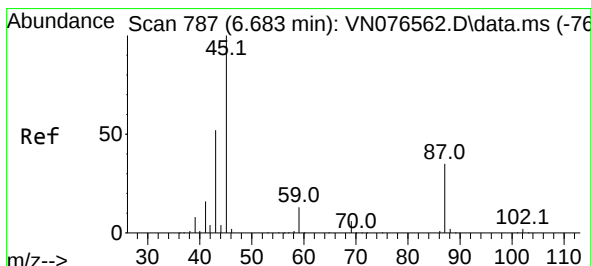
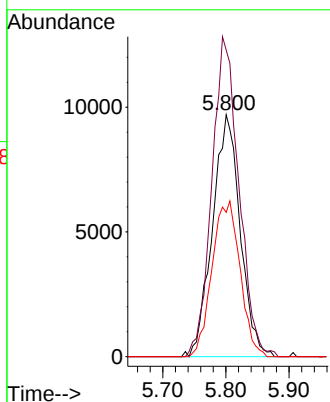
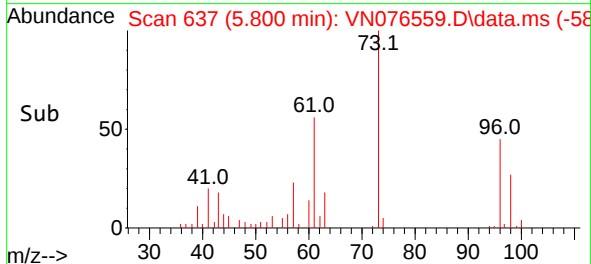
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



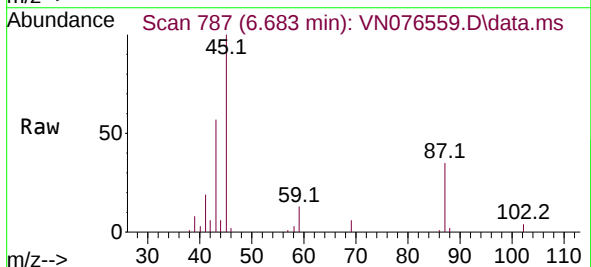
Tgt Ion: 96 Resp: 2952
Ion Ratio Lower Upper
96 100
61 126.7 98.9 148.3
98 59.6 49.4 74.2

Manual Integrations
APPROVED

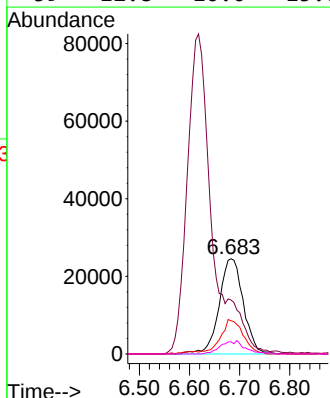
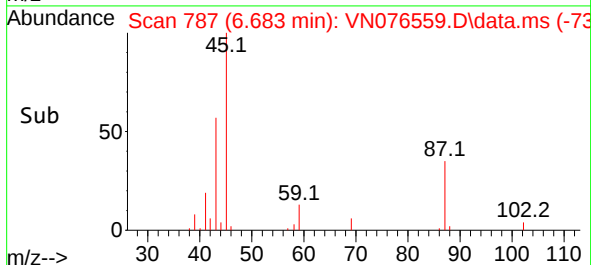
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

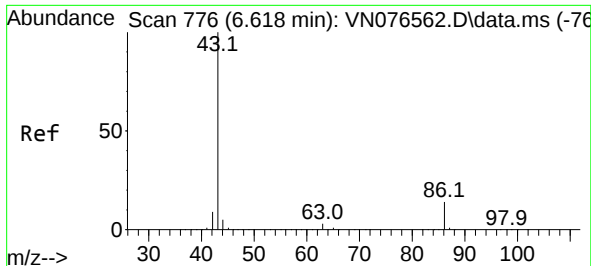


#22
Diisopropyl ether
Concen: 5.045 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07



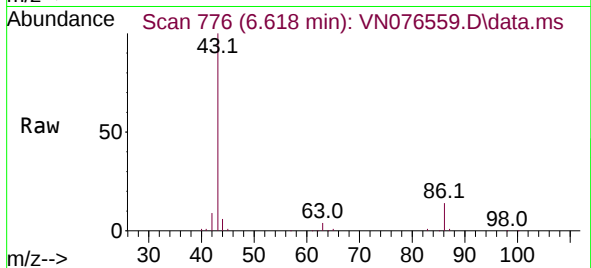
Tgt Ion: 45 Resp: 82237
Ion Ratio Lower Upper
45 100
43 53.8 41.4 62.2
87 35.0 28.2 42.4
59 12.8 10.0 15.0





#23
 Vinyl Acetate
 Concen: 24.827 ug/l m
 RT: 6.618 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VN076559.D
 Acq: 07 Feb 2023 12:07

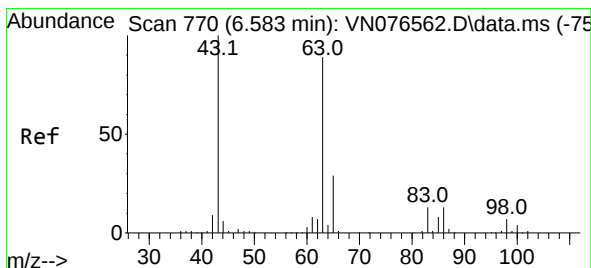
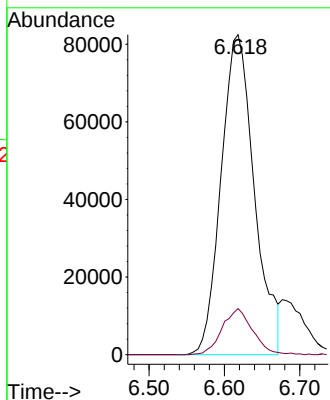
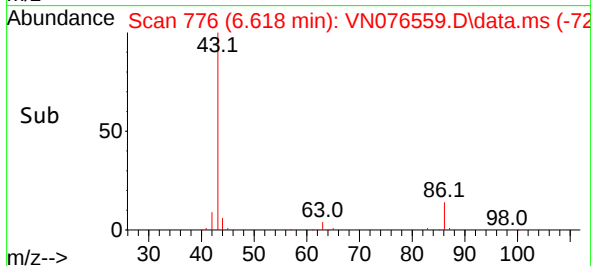
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



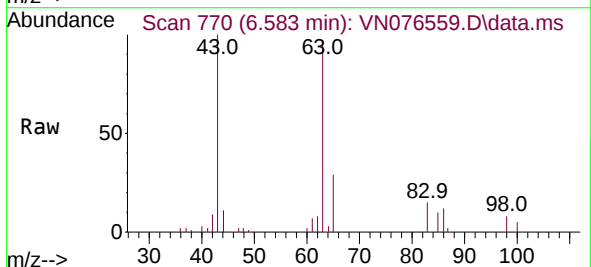
Tgt Ion: 43 Resp: 254018
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.3 16.9

Manual Integrations
 APPROVED

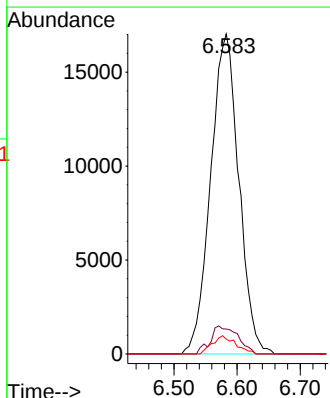
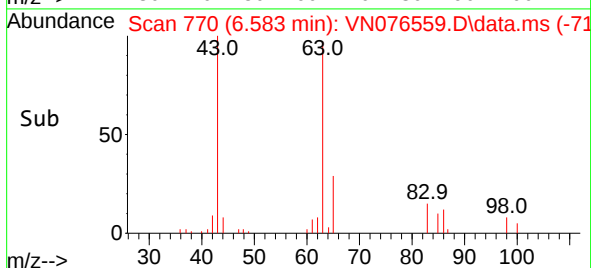
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

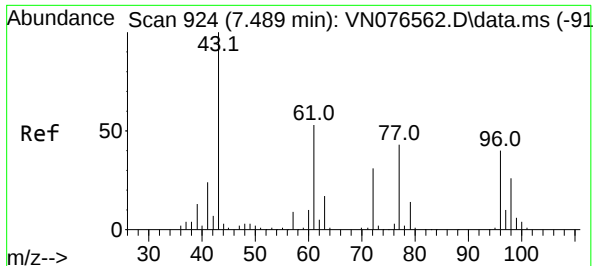


#24
 1,1-Dichloroethane
 Concen: 5.037 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076559.D
 Acq: 07 Feb 2023 12:07



Tgt Ion: 63 Resp: 52726
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.4
 100 4.7 2.5 7.4





#25

2-Butanone

Concen: 25.266 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 7804

Ion Ratio Lower Upper

43 100

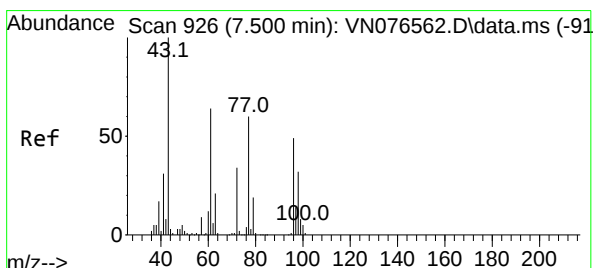
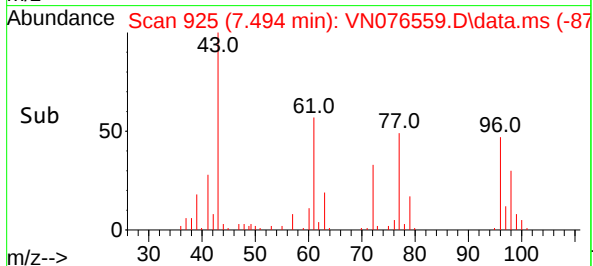
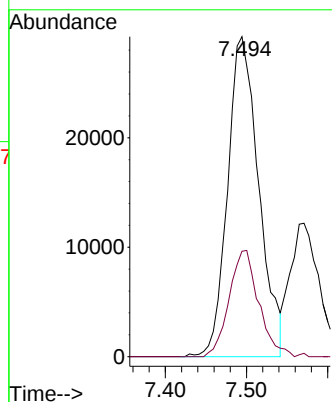
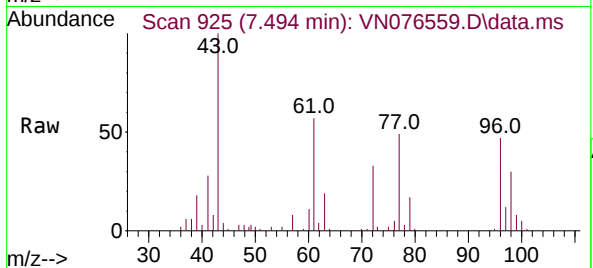
72 32.9 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#26

2,2-Dichloropropane

Concen: 4.961 ug/l

RT: 7.500 min Scan# 926

Delta R.T. -0.000 min

Lab File: VN076559.D

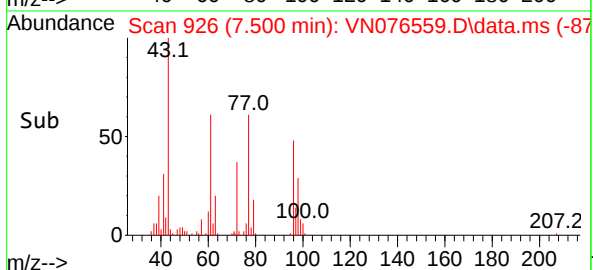
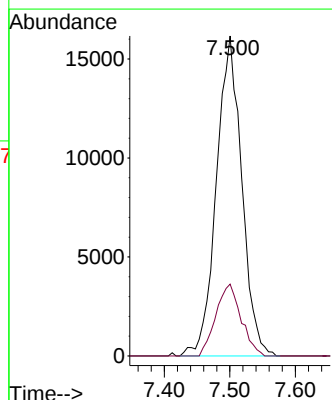
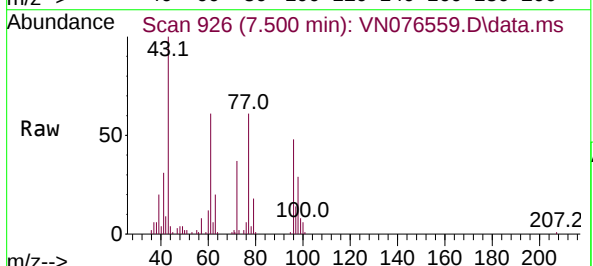
Acq: 07 Feb 2023 12:07

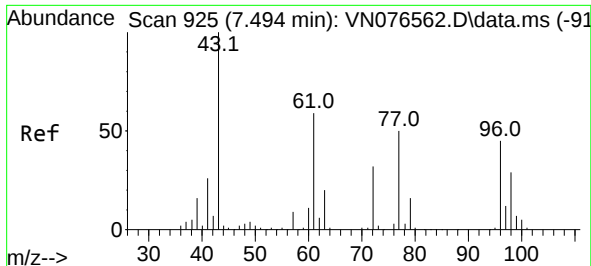
Tgt Ion: 77 Resp: 43349

Ion Ratio Lower Upper

77 100

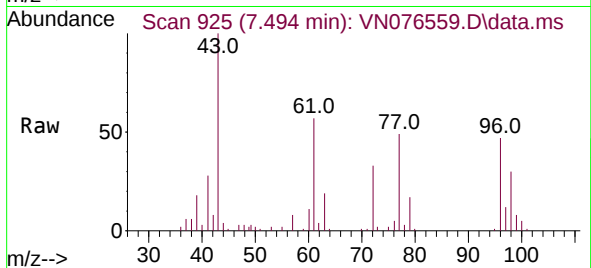
97 22.3 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 4.962 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN076559.D
 Acq: 07 Feb 2023 12:07

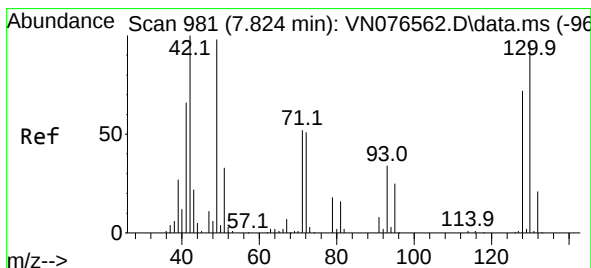
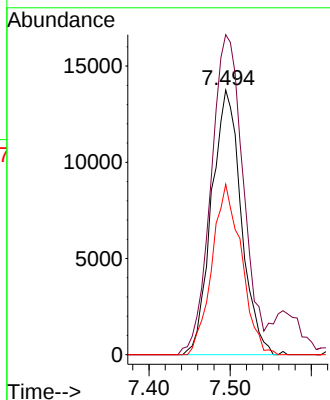
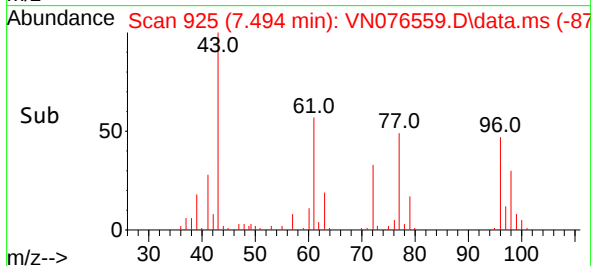
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 34829
 Ion Ratio Lower Upper
 96 100
 61 134.2 0.0 262.2
 98 64.2 0.0 128.6

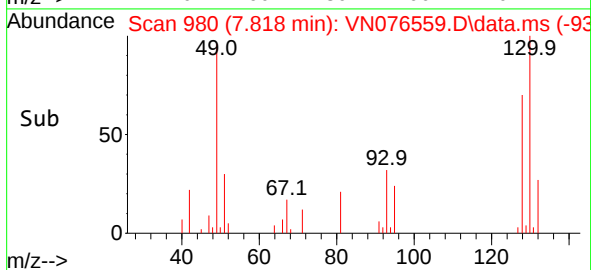
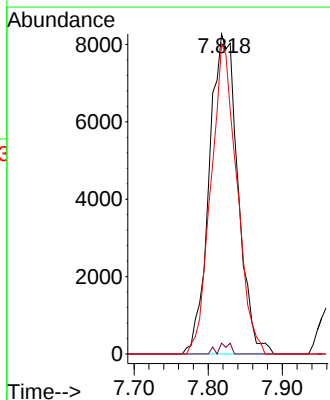
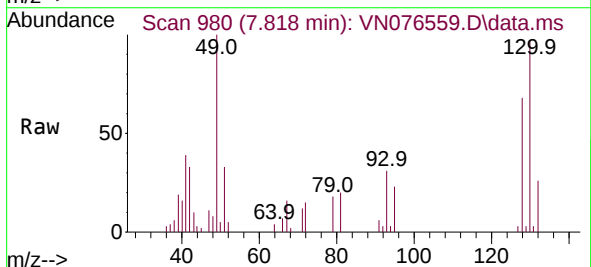
Manual Integrations
 APPROVED

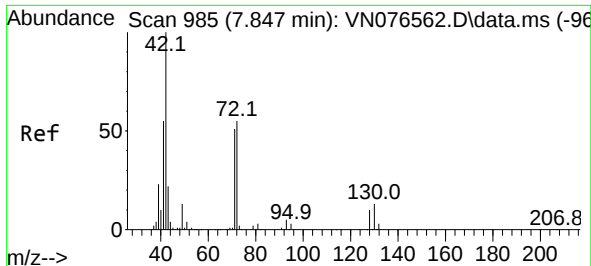
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#28
 Bromochloromethane
 Concen: 5.279 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076559.D
 Acq: 07 Feb 2023 12:07

Tgt Ion: 49 Resp: 22142
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 87.9 74.3 111.5





#29

Tetrahydrofuran

Concen: 24.182 ug/l

RT: 7.847 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 42 Resp: 48000

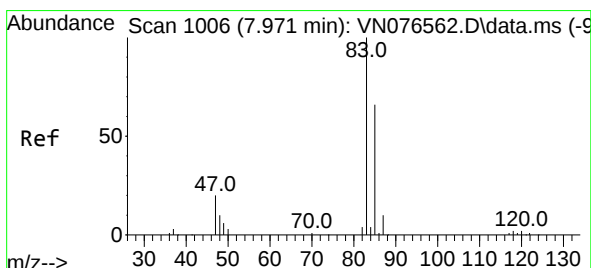
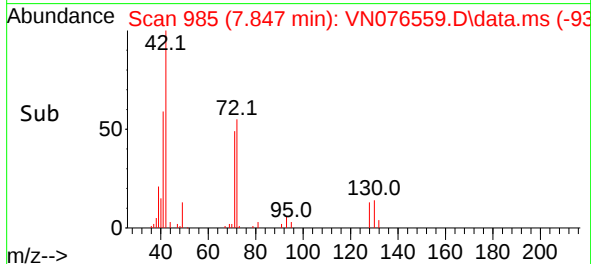
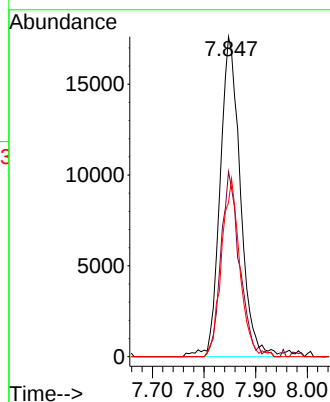
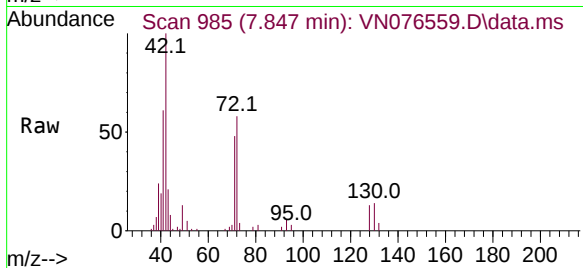
Ion	Ratio	Lower	Upper
42	100		
72	53.1	42.9	64.3
71	50.6	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#30

Chloroform

Concen: 5.140 ug/l

RT: 7.977 min Scan# 1007

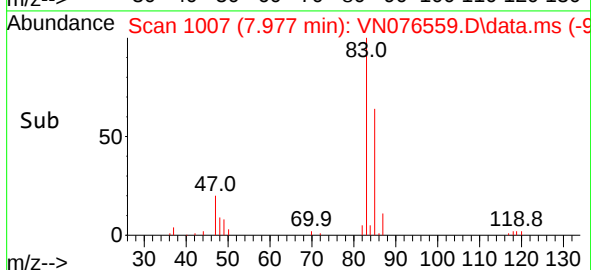
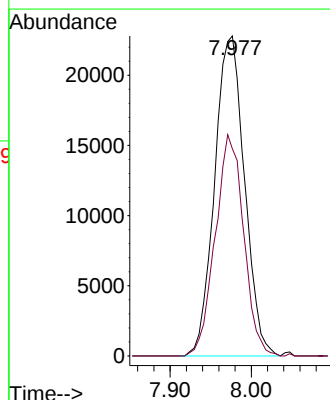
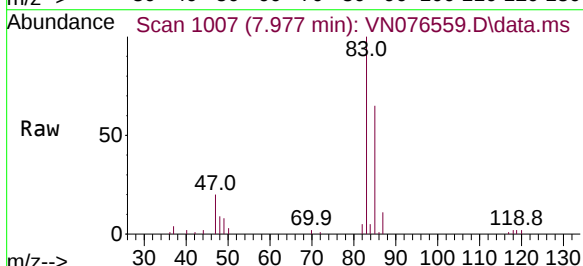
Delta R.T. 0.006 min

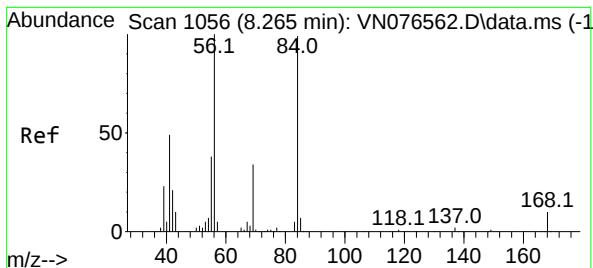
Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

Tgt Ion: 83 Resp: 58369

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.5	78.7





#31

Cyclohexane

Concen: 5.564 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 57320

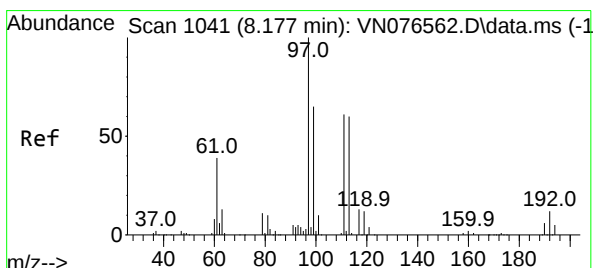
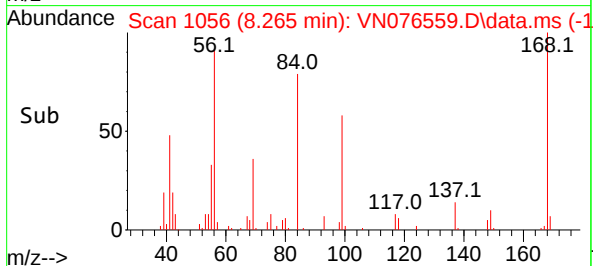
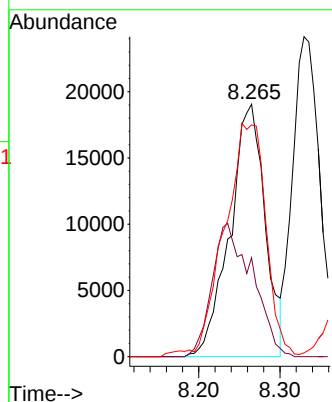
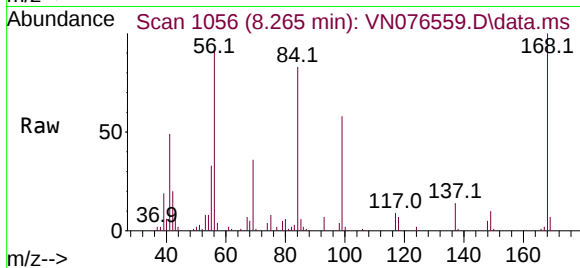
Ion	Ratio	Lower	Upper
56	100		
69	39.2	27.0	40.4
84	89.6	79.5	119.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#32

1,1,1-Trichloroethane

Concen: 5.029 ug/l

RT: 8.171 min Scan# 1040

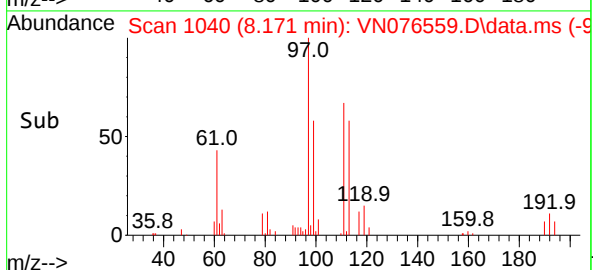
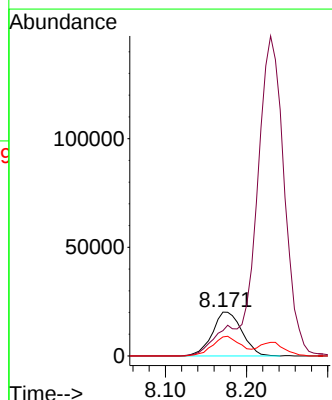
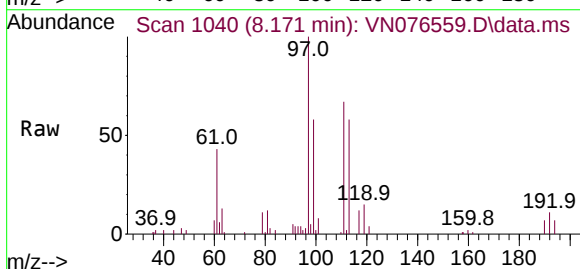
Delta R.T. -0.006 min

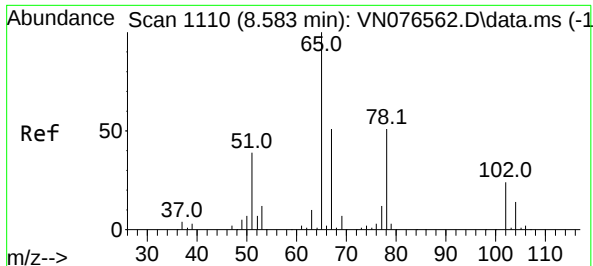
Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

Tgt Ion: 97 Resp: 51174

Ion	Ratio	Lower	Upper
97	100		
99	56.0	53.5	80.3
61	43.1	33.6	50.4





#33

1,2-Dichloroethane-d4

Concen: 5.431 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 3540

Ion Ratio Lower Upper

65 100

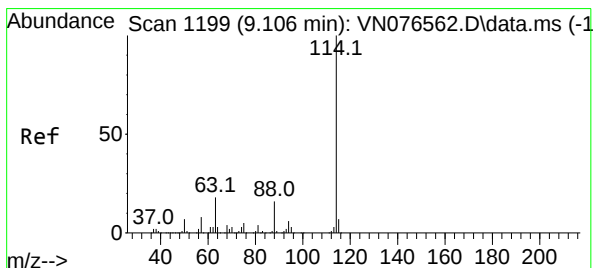
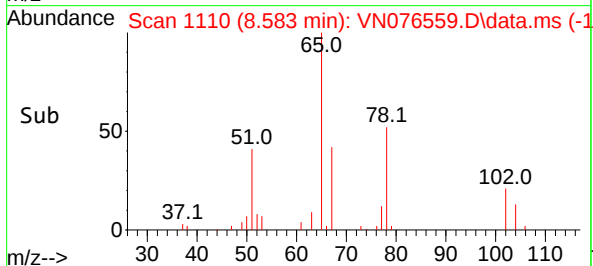
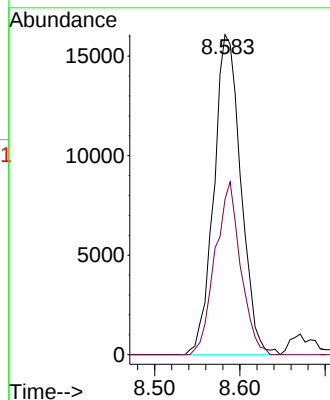
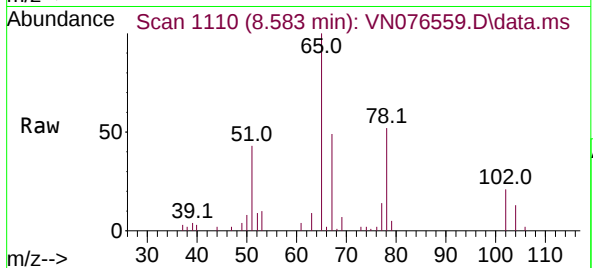
67 51.0 0.0 105.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

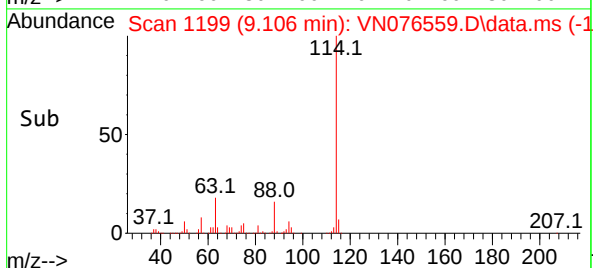
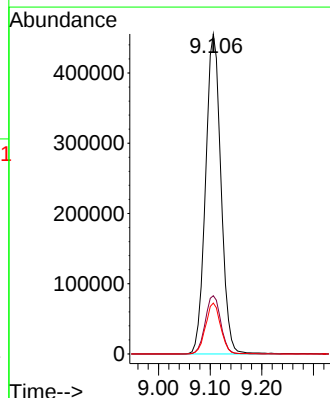
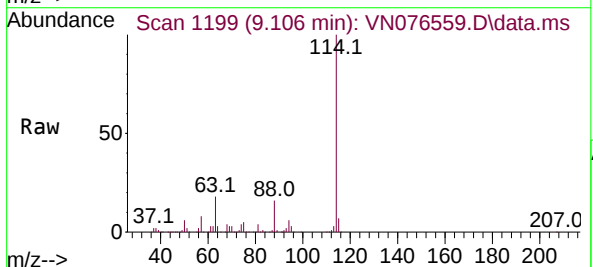
Tgt Ion:114 Resp: 940683

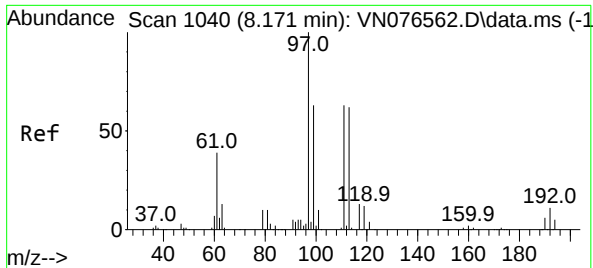
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

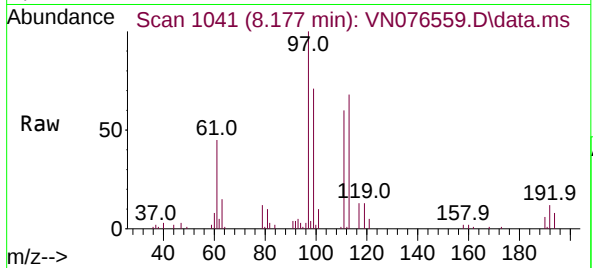
88 15.9 0.0 32.0





#35
Dibromofluoromethane
Concen: 5.341 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

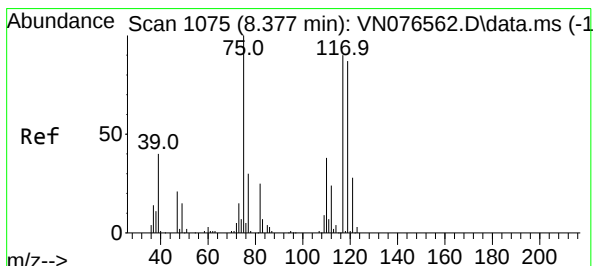
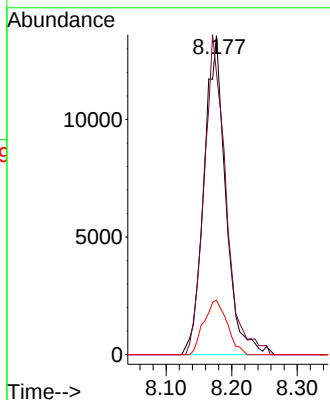
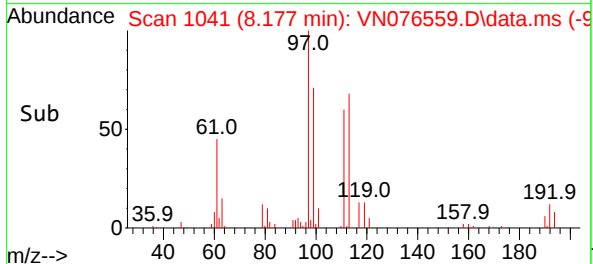
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 31230
Ion Ratio Lower Upper
113 100
111 101.0 82.0 123.0
192 18.4 14.8 22.2

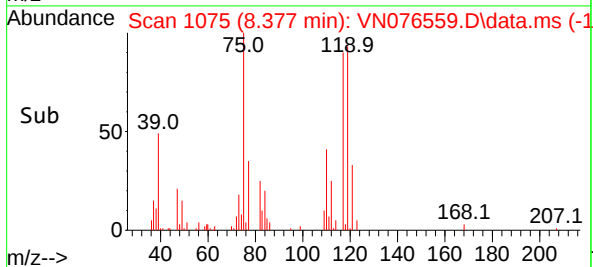
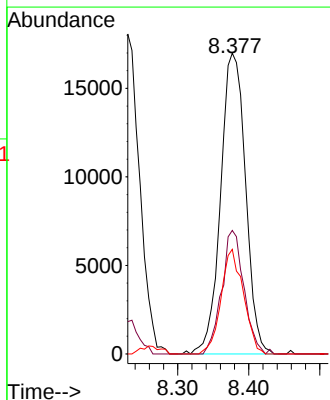
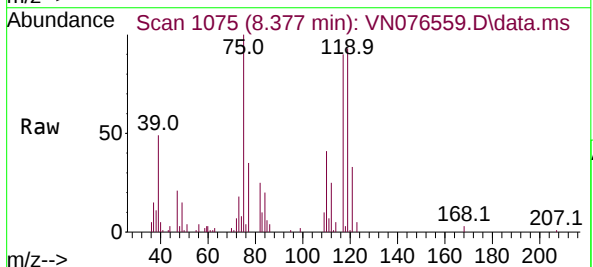
Manual Integrations
APPROVED

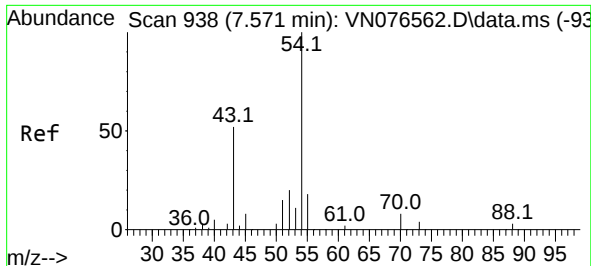
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#36
1,1-Dichloropropene
Concen: 4.961 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

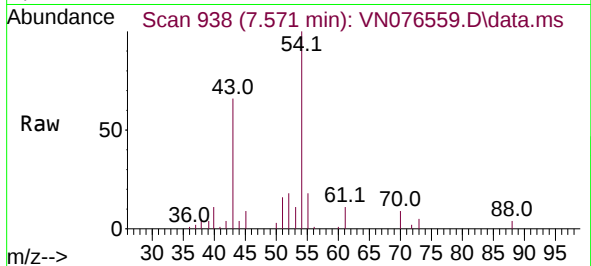
Tgt Ion: 75 Resp: 41421
Ion Ratio Lower Upper
75 100
110 36.6 18.6 55.6
77 31.3 25.1 37.7





#37
Ethyl Acetate
Concen: 4.800 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

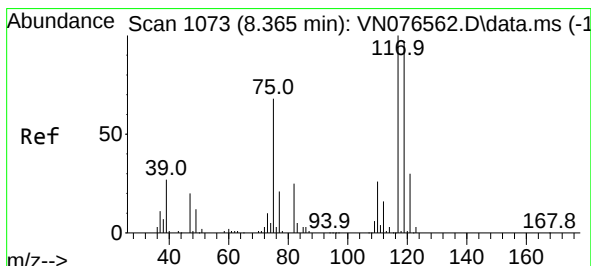
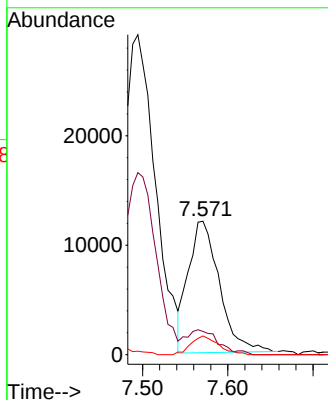
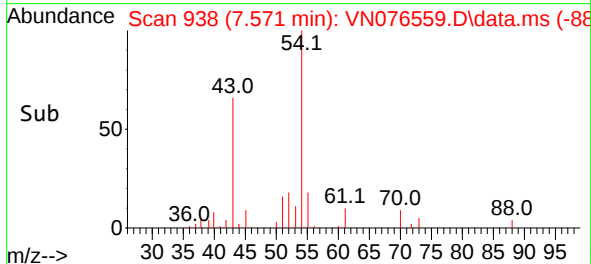
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 3050
Ion Ratio Lower Upper
43 100
61 16.2 11.8 17.6
70 12.6 10.4 15.6

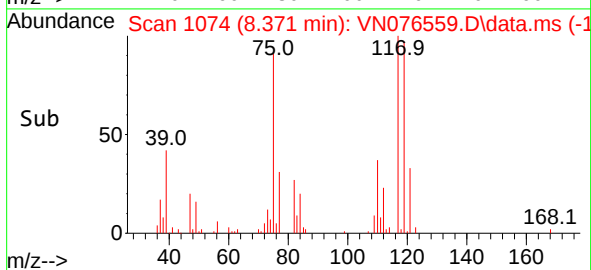
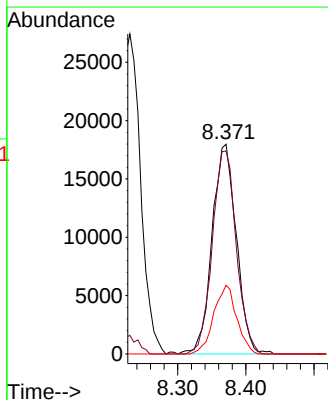
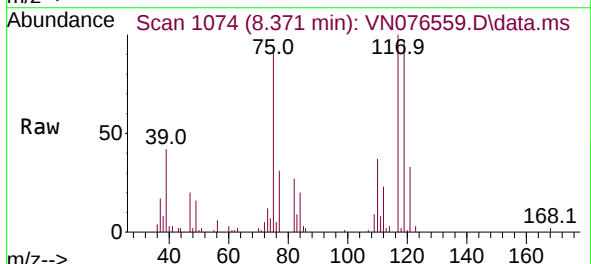
Manual Integrations
APPROVED

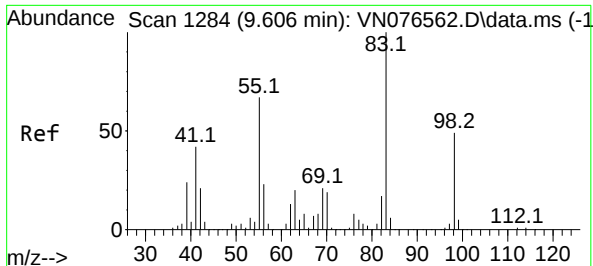
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#38
Carbon Tetrachloride
Concen: 4.964 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Tgt Ion:117 Resp: 44564
Ion Ratio Lower Upper
117 100
119 96.8 77.2 115.8
121 32.7 23.9 35.9





#39

Methylcyclohexane

Concen: 4.932 ug/l

RT: 9.600 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

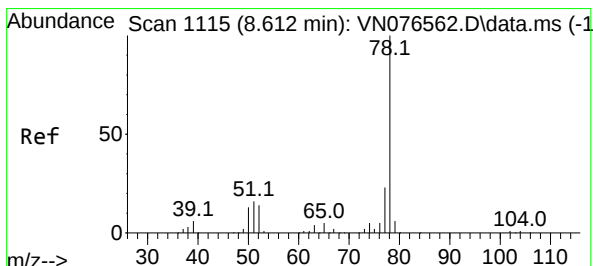
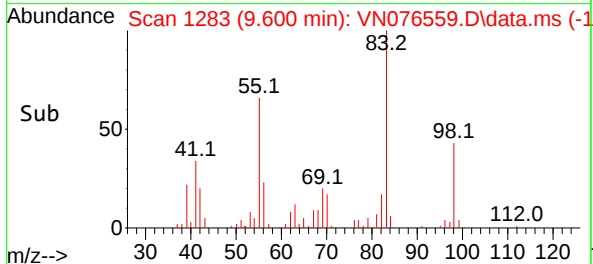
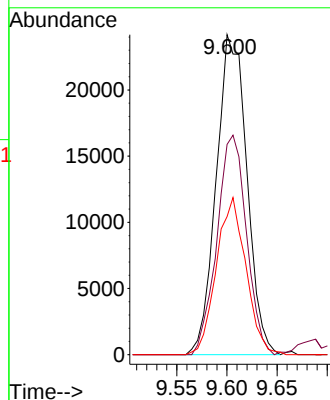
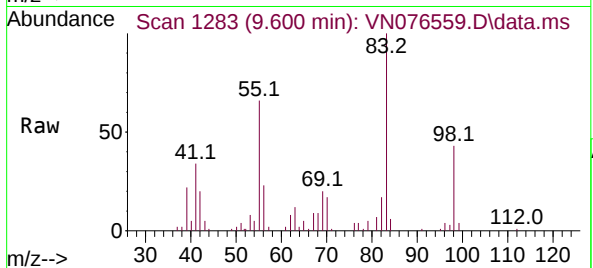
Tgt Ion: 83	Resp: 51134
Ion Ratio	Lower Upper
83 100	
55 65.7	53.8 80.6
98 43.2	39.0 58.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#40

Benzene

Concen: 5.030 ug/l

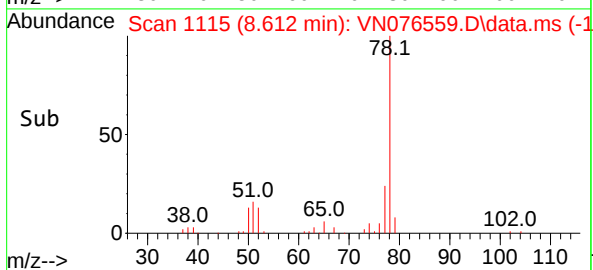
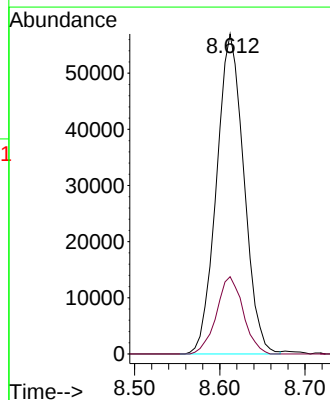
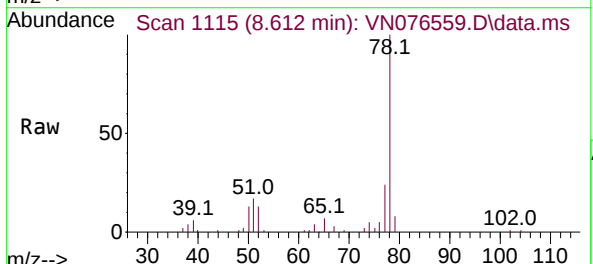
RT: 8.612 min Scan# 1115

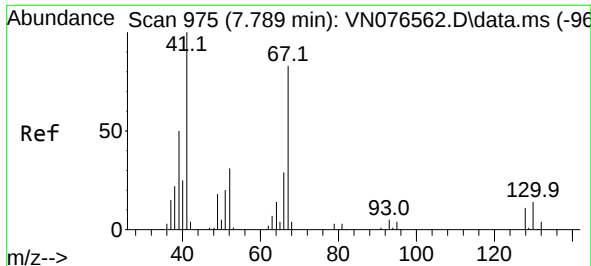
Delta R.T. -0.000 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

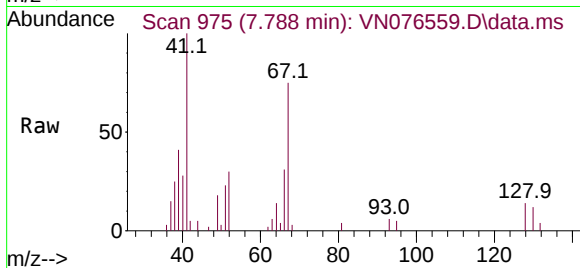
Tgt Ion: 78	Resp: 127314
Ion Ratio	Lower Upper
78 100	
77 24.1	18.6 27.8





#41
Methacrylonitrile
Concen: 5.103 ug/l
RT: 7.788 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

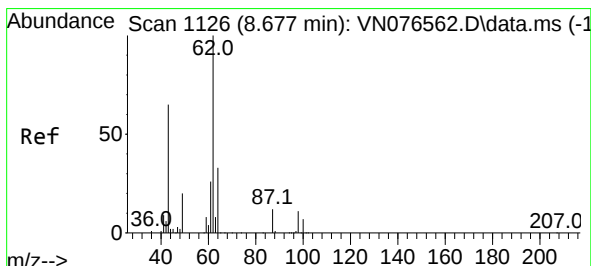
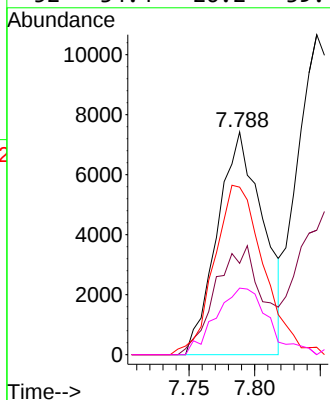
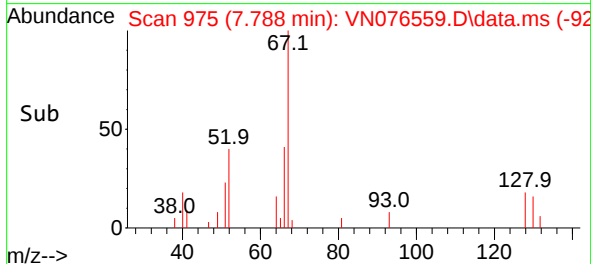
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



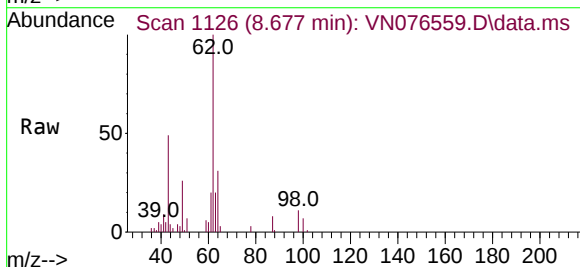
Tgt Ion: 41 Resp: 1807
Ion Ratio Lower Upper
41 100
39 50.3 41.3 61.9
67 81.5 69.6 104.4
52 34.4 26.2 39.4

Manual Integrations
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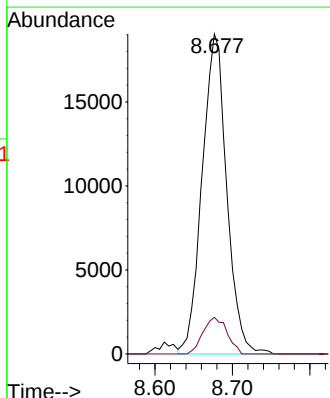
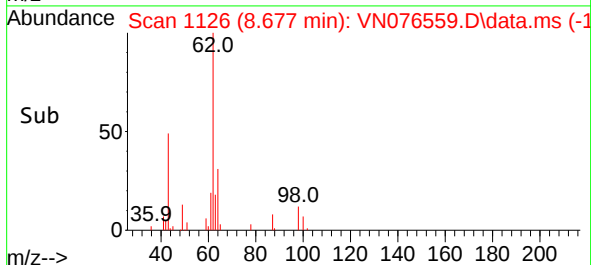
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

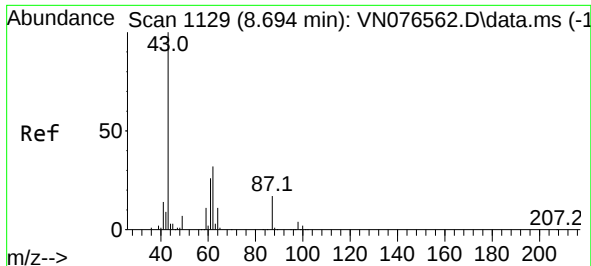


#42
1,2-Dichloroethane
Concen: 5.096 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07



Tgt Ion: 62 Resp: 41990
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.6





#43

Isopropyl Acetate

Concen: 4.703 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

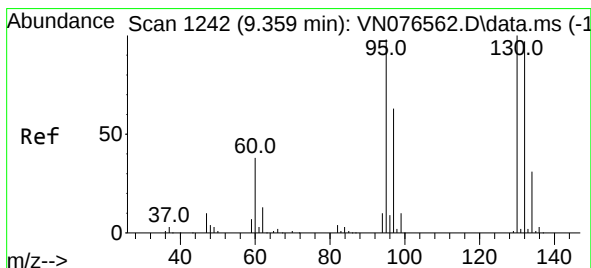
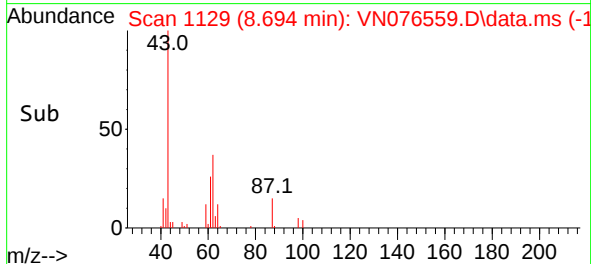
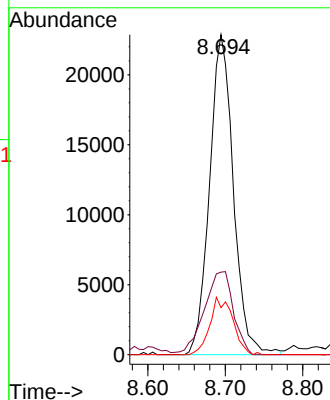
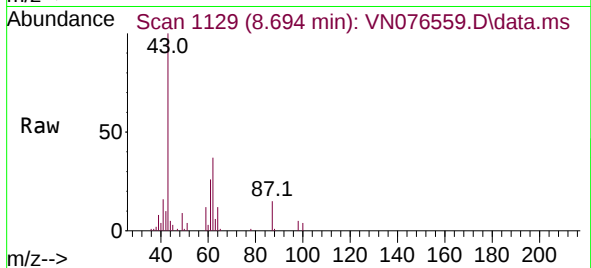
Tgt Ion:	43	Resp:	4894
Ion Ratio	Lower	Upper	
43	100		
61	31.6	24.5	36.7
87	17.3	13.6	20.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#44

Trichloroethene

Concen: 4.990 ug/l

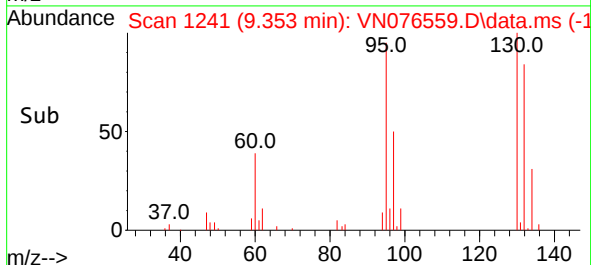
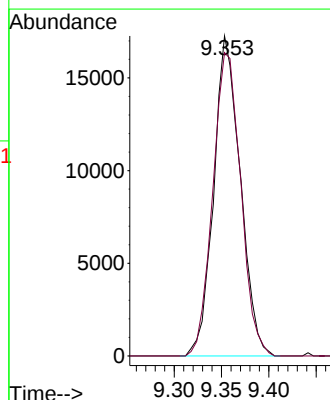
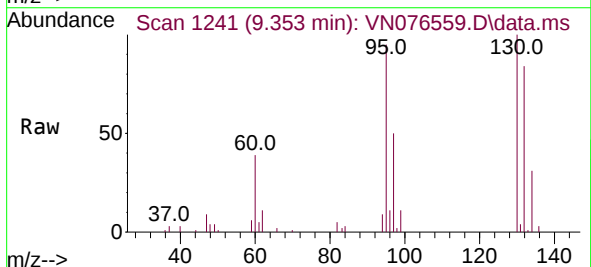
RT: 9.353 min Scan# 1241

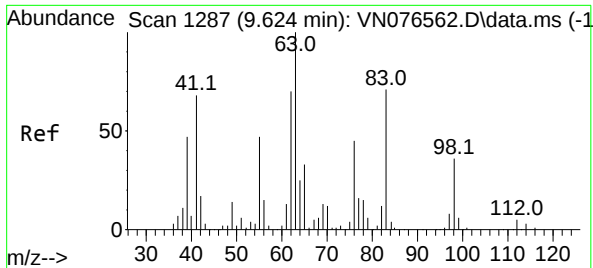
Delta R.T. -0.006 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

Tgt Ion:	130	Resp:	33723
Ion Ratio	Lower	Upper	
130	100		
95	94.8	0.0	196.0





#45

1,2-Dichloropropane

Concen: 4.964 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 3017

Ion Ratio Lower Upper

63 100

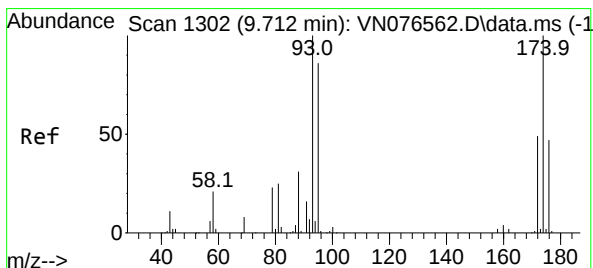
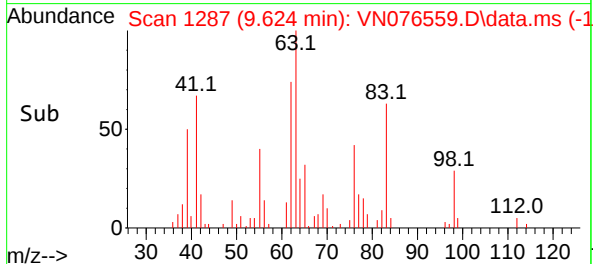
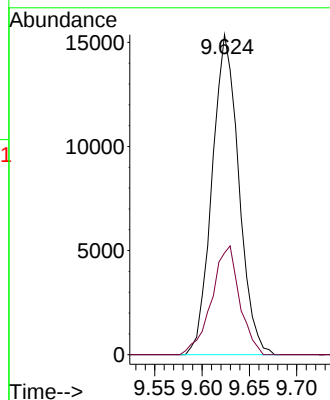
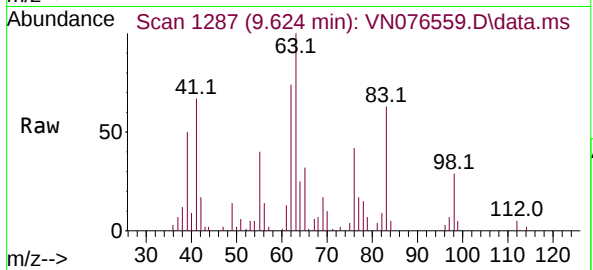
65 31.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#46

Dibromomethane

Concen: 5.107 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

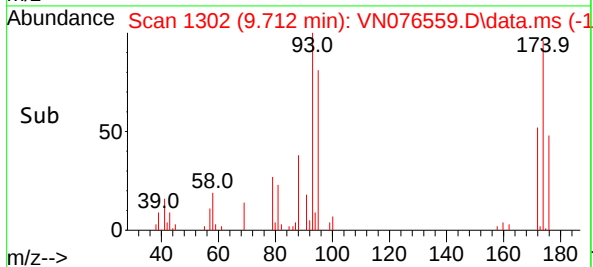
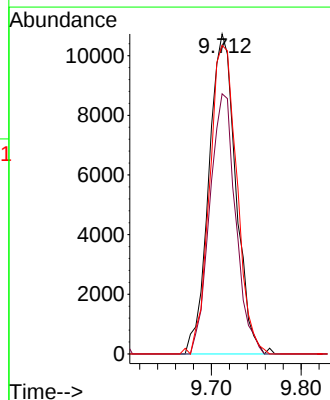
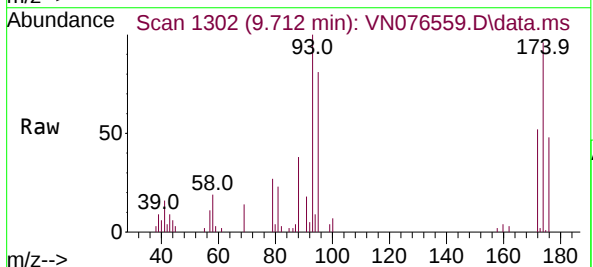
Tgt Ion: 93 Resp: 22395

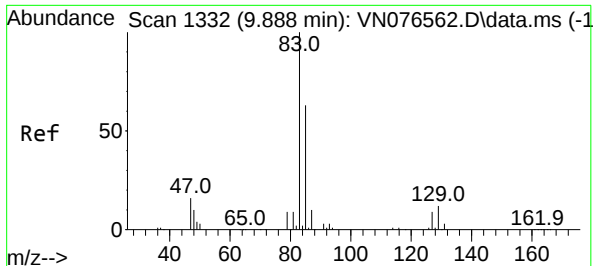
Ion Ratio Lower Upper

93 100

95 78.0 68.0 102.0

174 97.3 80.9 121.3





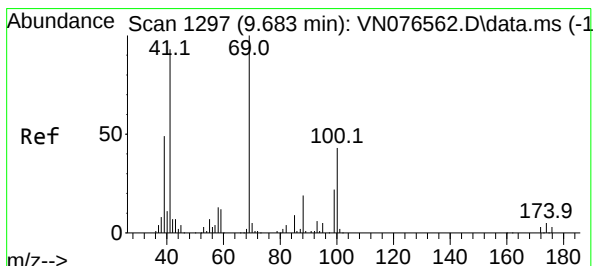
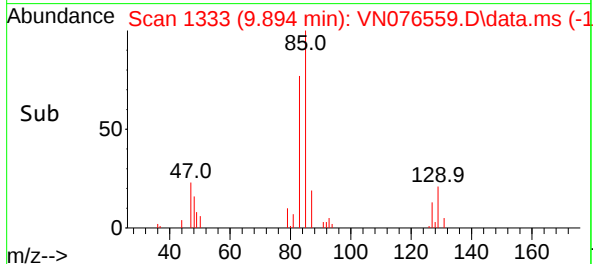
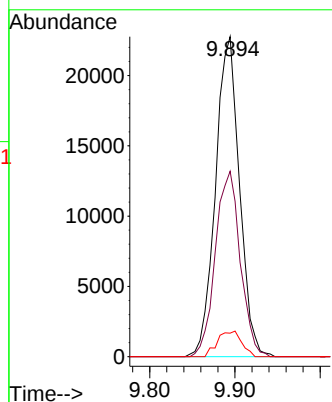
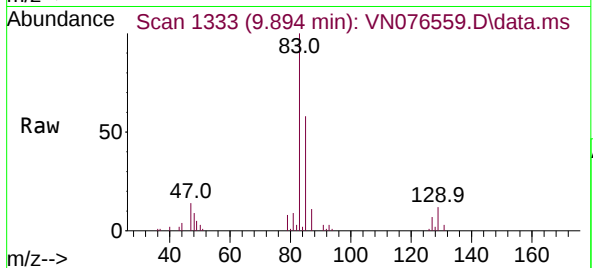
#47
Bromodichloromethane
Concen: 5.042 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 4445
Ion Ratio Lower Upper
83 100
85 58.0 50.7 76.1
127 7.3 7.0 10.6

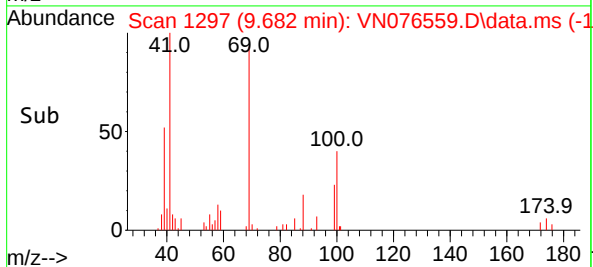
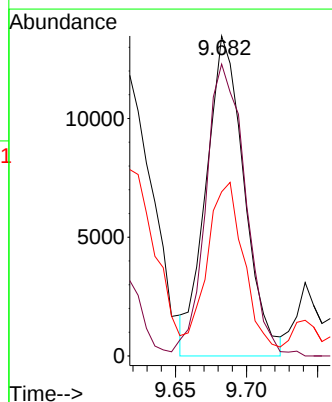
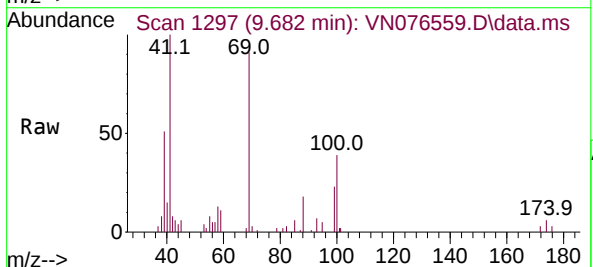
Manual Integrations
APPROVED

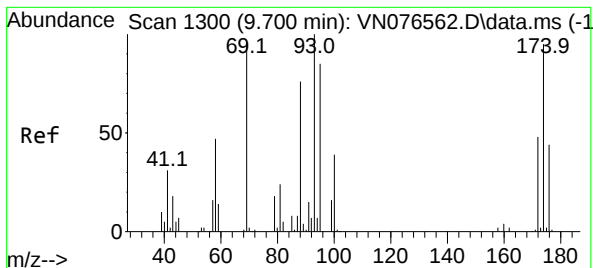
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#48
Methyl methacrylate
Concen: 4.903 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Tgt Ion: 41 Resp: 25096
Ion Ratio Lower Upper
41 100
69 95.3 83.0 124.4
39 54.2 43.8 65.8





#49

1,4-Dioxane

Concen: 103.414 ug/l

RT: 9.700 min Scan# 11324

Delta R.T. -0.000 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 88 Resp: 11324

Ion Ratio Lower Upper

88 100

43 24.8 16.7 25.1

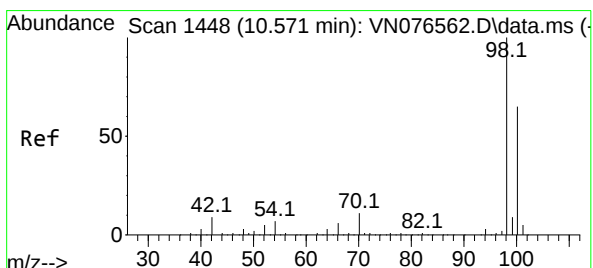
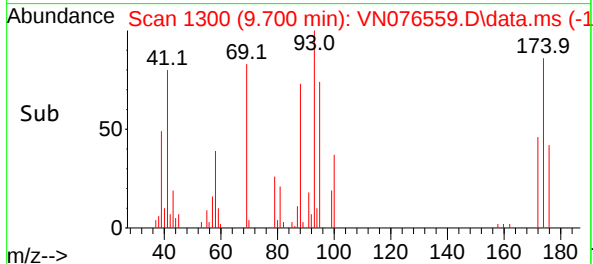
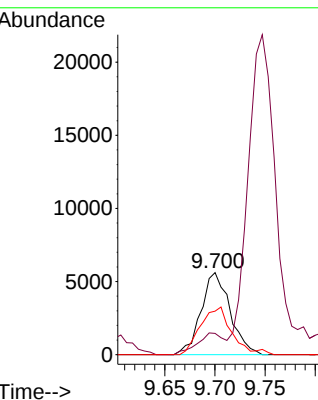
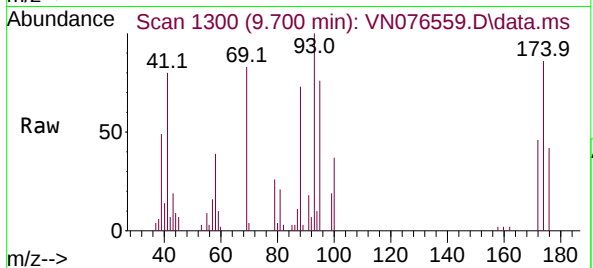
58 62.7 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#50

Toluene-d8

Concen: 5.162 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076559.D

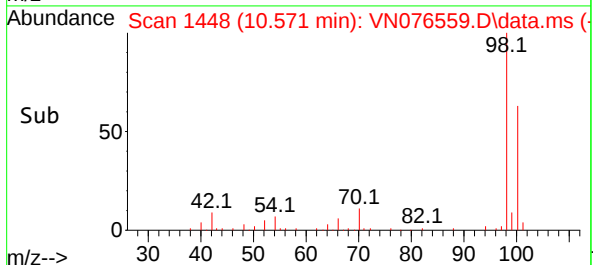
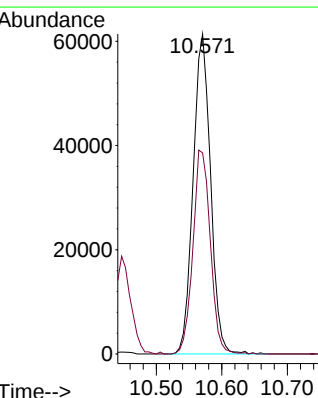
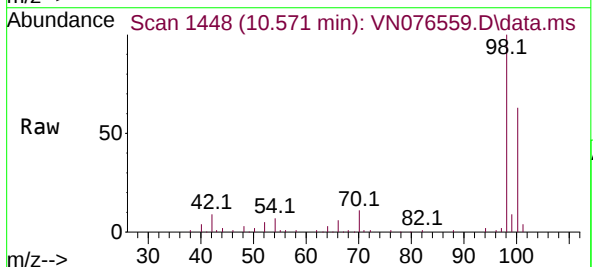
Acq: 07 Feb 2023 12:07

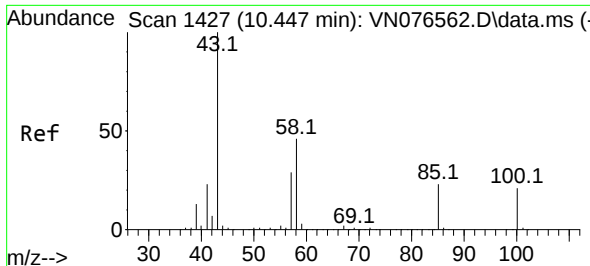
Tgt Ion: 98 Resp: 113558

Ion Ratio Lower Upper

98 100

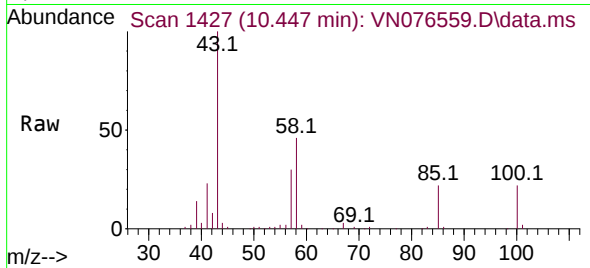
100 63.8 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 24.731 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

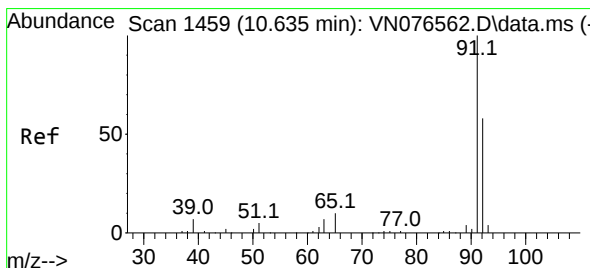
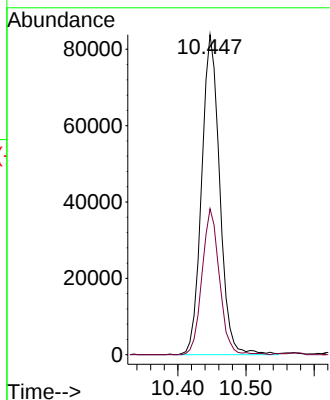
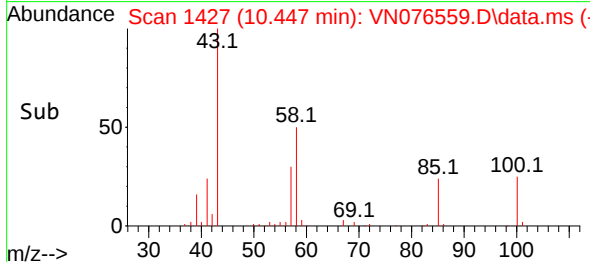
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 15470
Ion Ratio Lower Upper
43 100
58 43.9 36.4 54.6

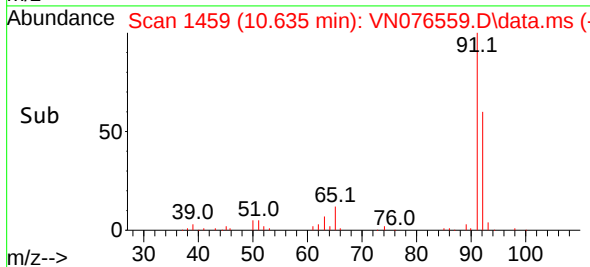
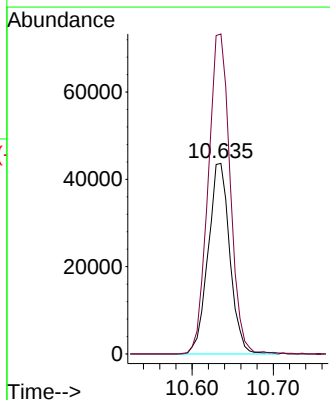
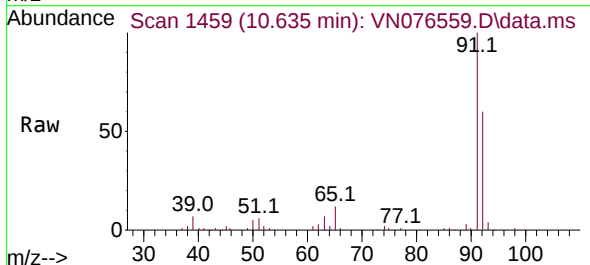
Manual Integrations
APPROVED

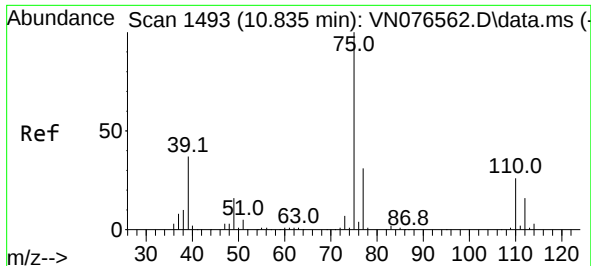
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#52
Toluene
Concen: 4.956 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

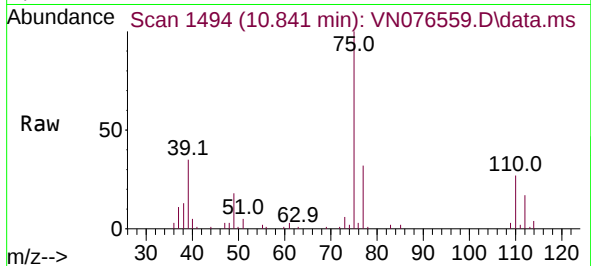
Tgt Ion: 92 Resp: 80944
Ion Ratio Lower Upper
92 100
91 170.2 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 4.653 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

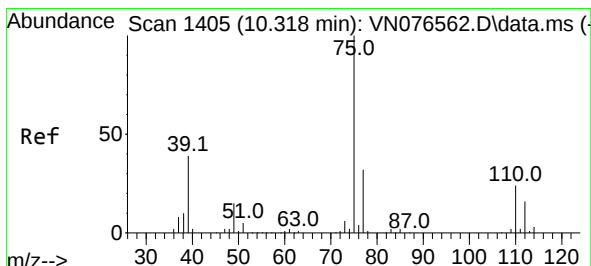
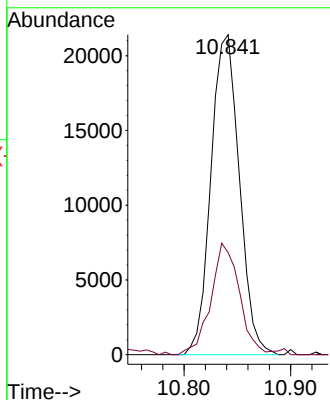
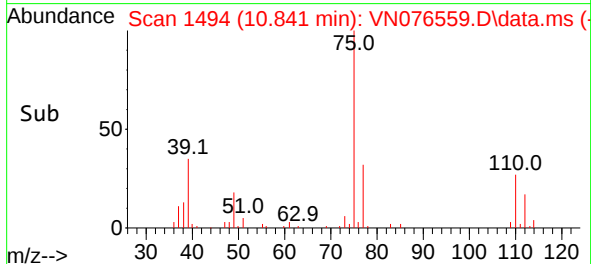
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 3964
Ion Ratio Lower Upper
75 100
77 31.9 24.5 36.7

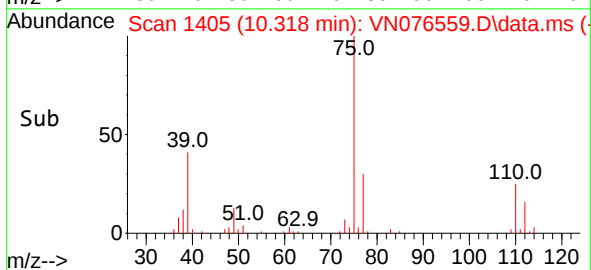
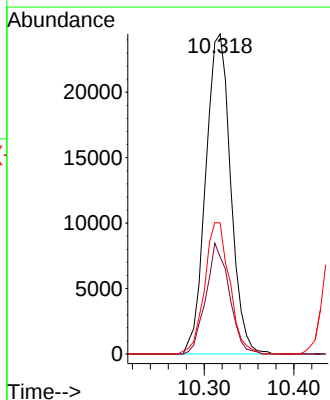
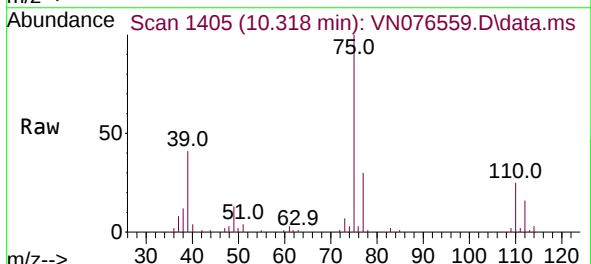
Manual Integrations
APPROVED

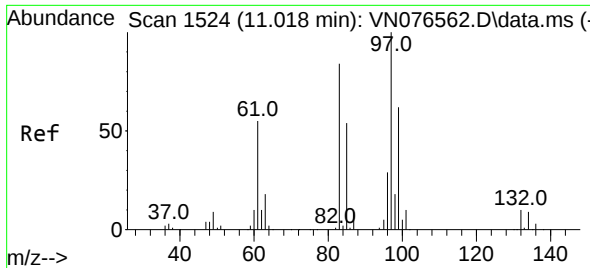
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#54
cis-1,3-Dichloropropene
Concen: 4.855 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

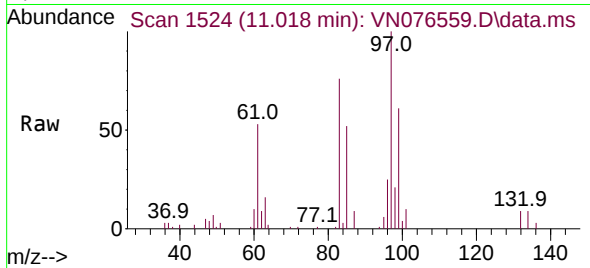
Tgt Ion: 75 Resp: 47172
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0
39 41.0 31.1 46.7





#55
1,1,2-Trichloroethane
Concen: 5.131 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

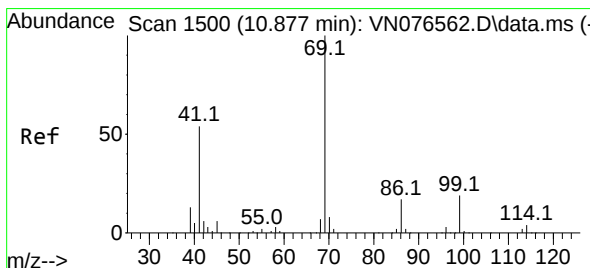
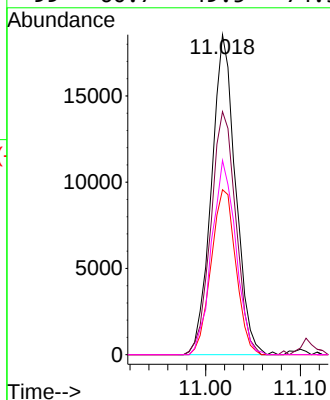
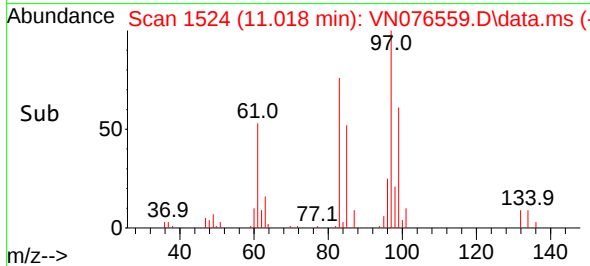


Tgt Ion: 97 Resp: 3282

Ion	Ratio	Lower	Upper
97	100		
83	76.0	67.5	101.3
85	51.6	43.0	64.6
99	60.7	49.5	74.3

Manual Integrations
APPROVED

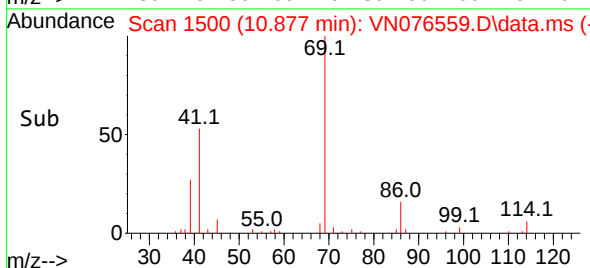
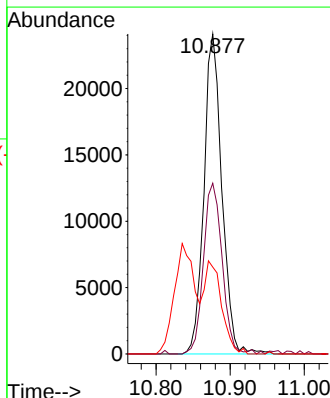
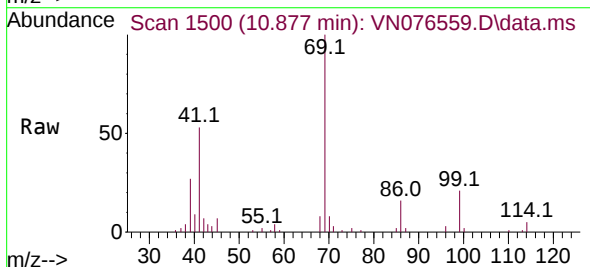
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

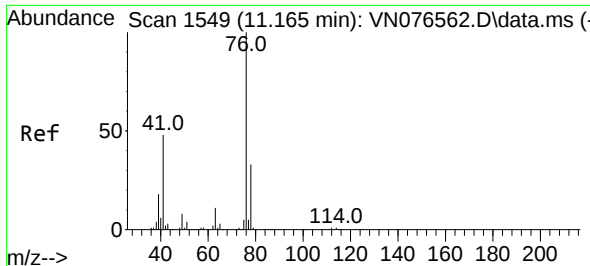


#56
Ethyl methacrylate
Concen: 4.747 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Tgt Ion: 69 Resp: 40646

Ion	Ratio	Lower	Upper
69	100		
41	55.3	43.5	65.3
39	28.2	21.3	31.9





#57

1,3-Dichloropropane

Concen: 5.063 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 5243

Ion Ratio Lower Upper

76 100

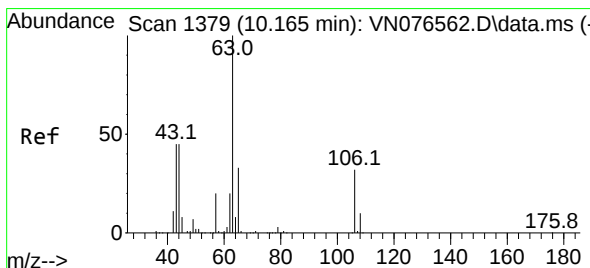
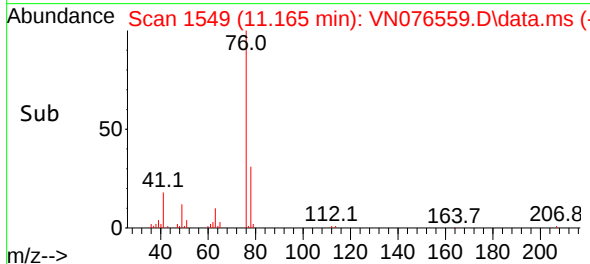
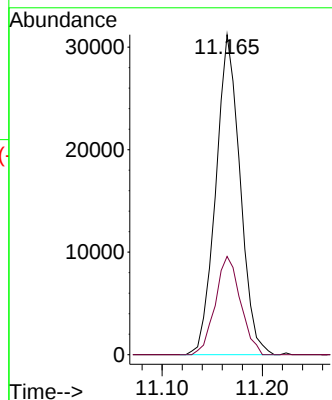
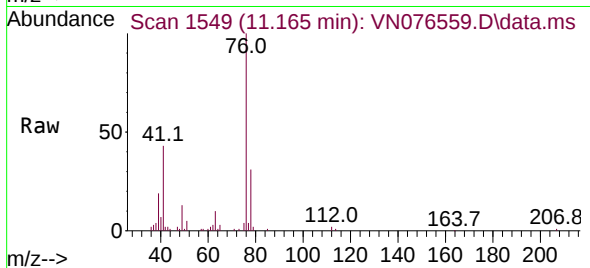
78 31.8 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 23.667 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN076559.D

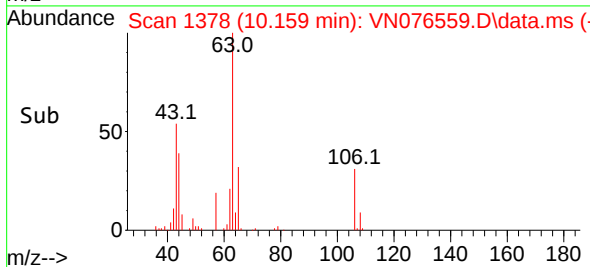
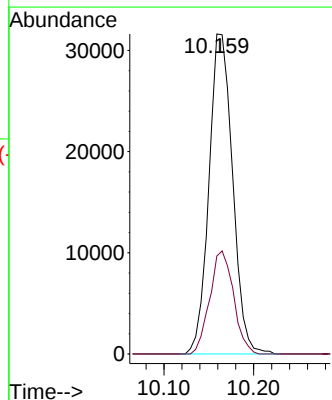
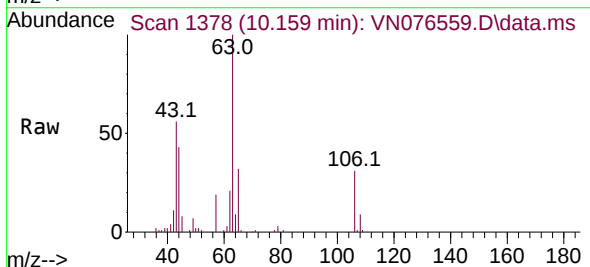
Acq: 07 Feb 2023 12:07

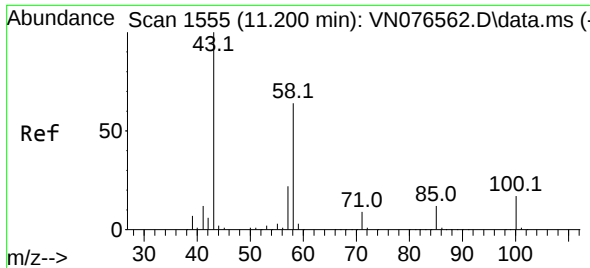
Tgt Ion: 63 Resp: 57906

Ion Ratio Lower Upper

63 100

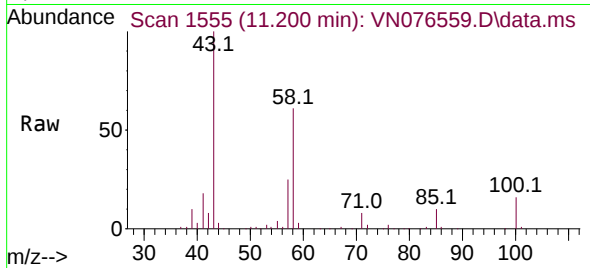
106 32.4 25.6 38.4





#59
2-Hexanone
Concen: 24.868 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

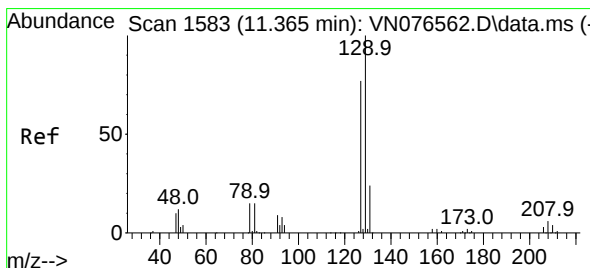
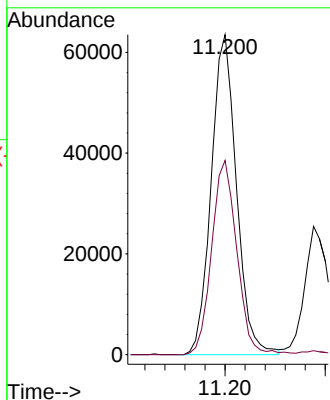
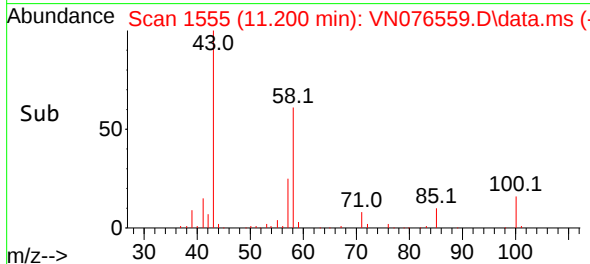
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 11090
Ion Ratio Lower Upper
43 100
58 60.7 31.8 95.4

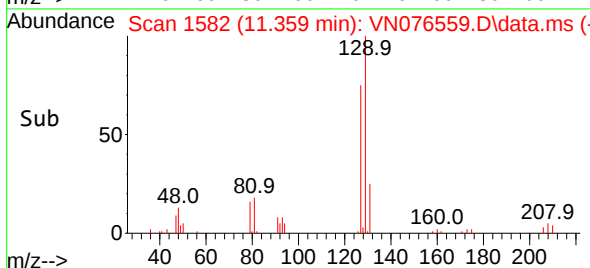
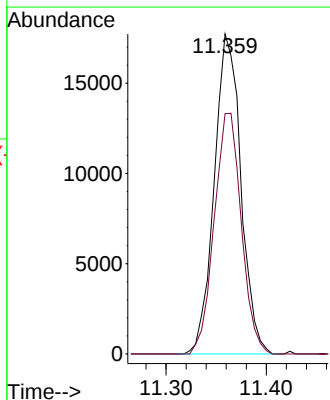
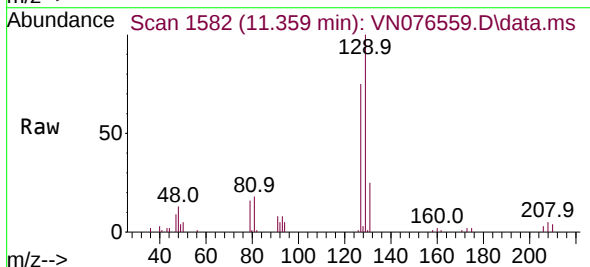
Manual Integrations
APPROVED

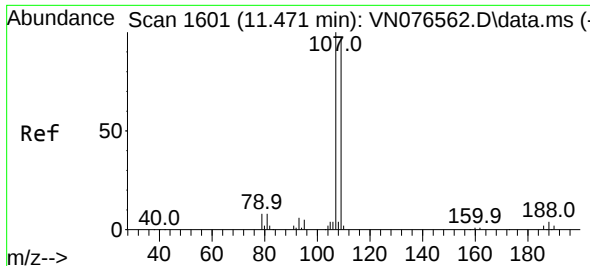
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#60
Dibromochloromethane
Concen: 4.850 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Tgt Ion:129 Resp: 32698
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.7





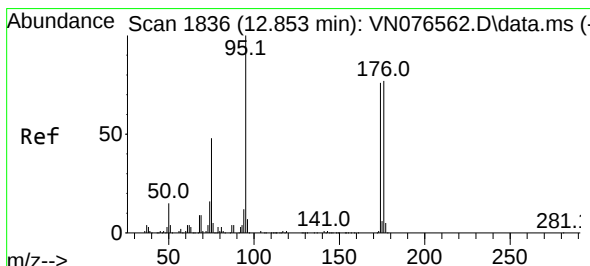
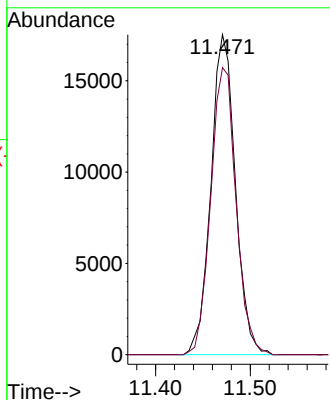
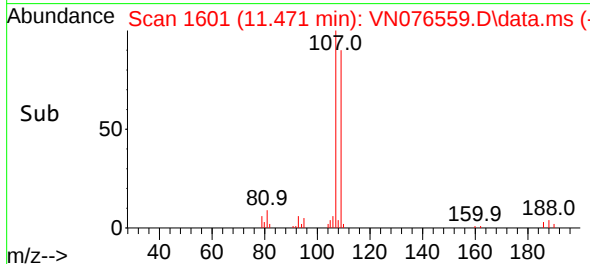
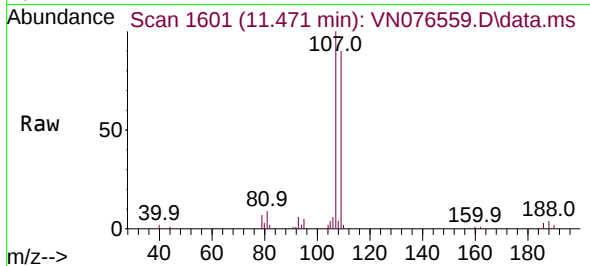
#61
1,2-Dibromoethane
Concen: 4.966 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 3144
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.0

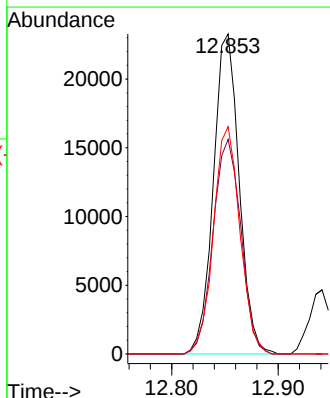
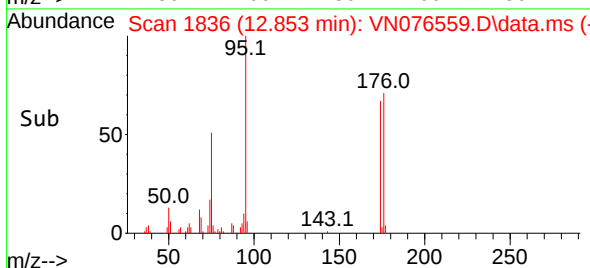
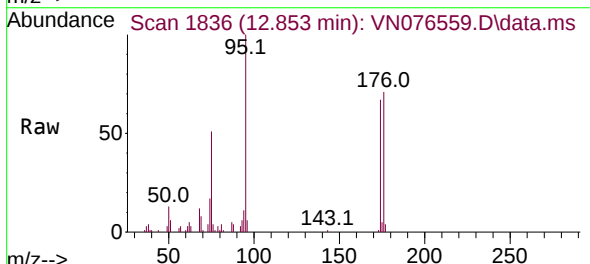
Manual Integrations
APPROVED

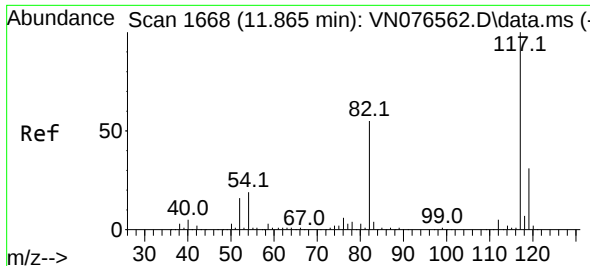
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#62
4-Bromofluorobenzene
Concen: 5.051 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

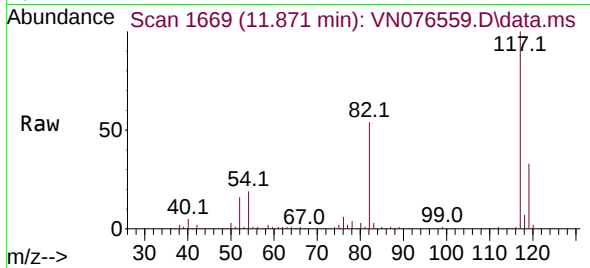
Tgt Ion: 95 Resp: 39143
Ion Ratio Lower Upper
95 100
174 72.1 0.0 154.0
176 73.0 0.0 152.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1668
Delta R.T. 0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

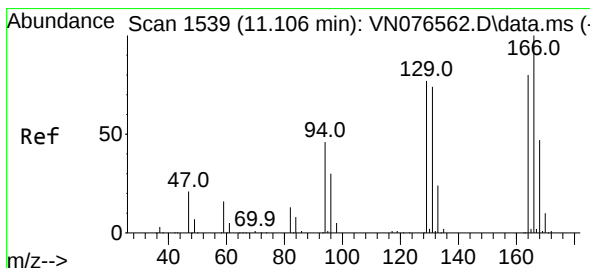
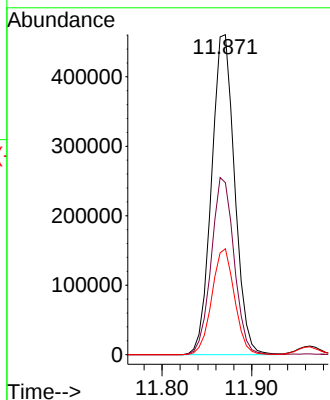
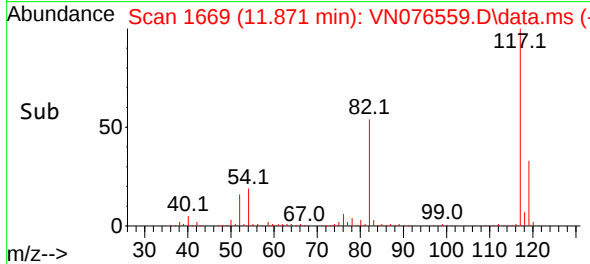
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 824534
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.4
119 33.1 25.1 37.7

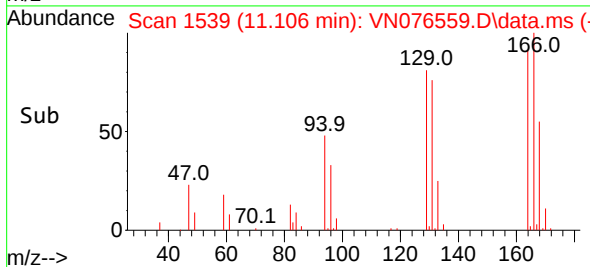
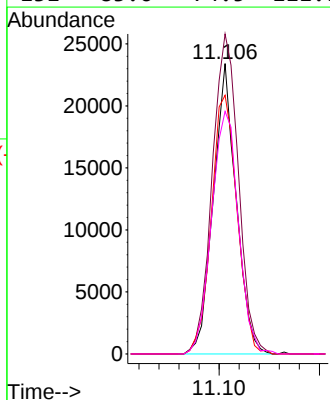
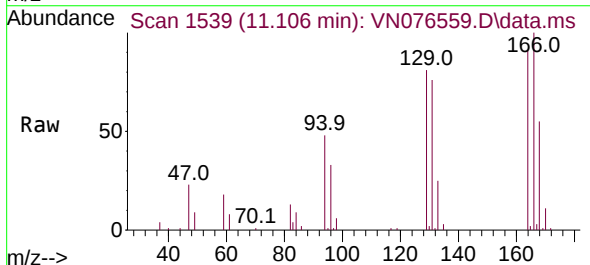
Manual Integrations
APPROVED

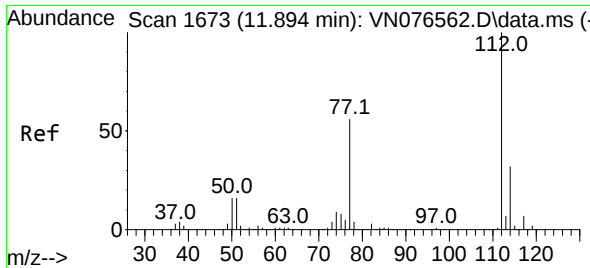
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#64
Tetrachloroethene
Concen: 5.398 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

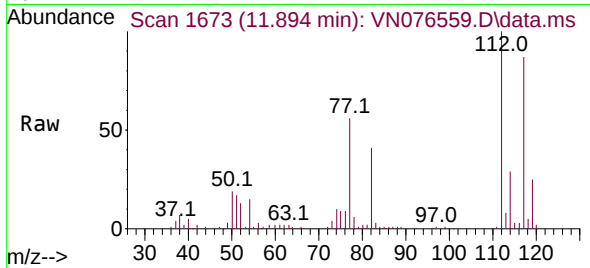
Tgt Ion:164 Resp: 37061
Ion Ratio Lower Upper
164 100
166 110.2 100.2 150.4
129 89.1 76.8 115.2
131 83.6 74.5 111.7





#65
Chlorobenzene
Concen: 5.153 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

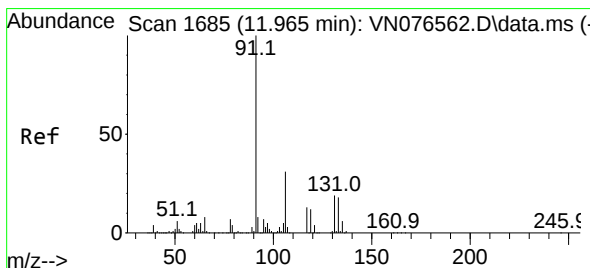
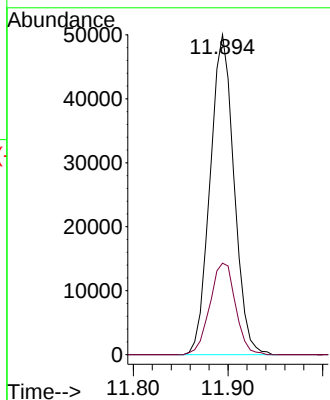
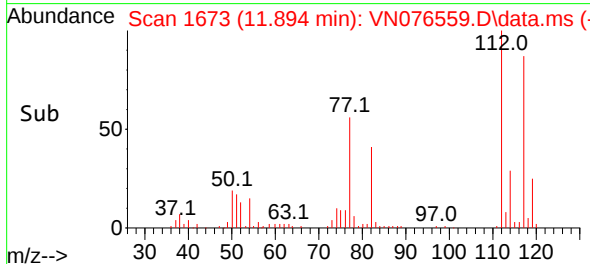
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



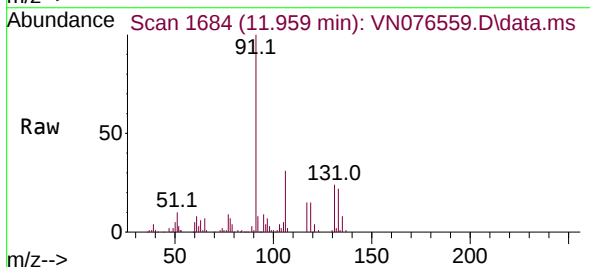
Tgt Ion:112 Resp: 87858
Ion Ratio Lower Upper
112 100
114 28.6 25.3 37.9

Manual Integrations
APPROVED

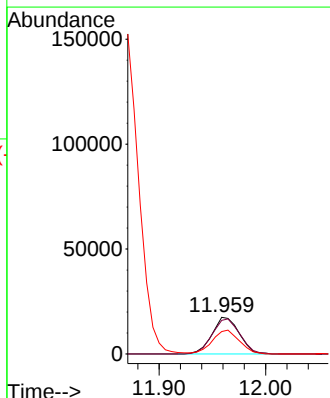
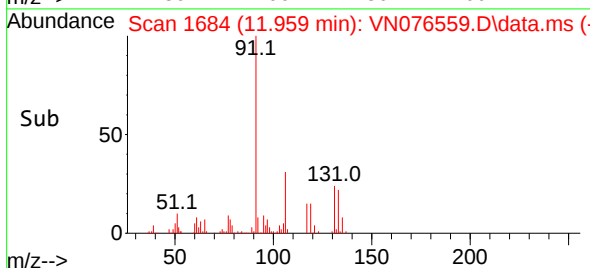
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

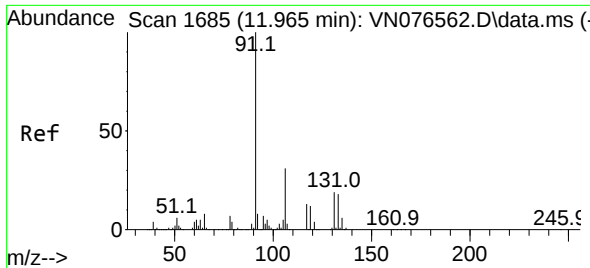


#66
1,1,1,2-Tetrachloroethane
Concen: 4.897 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07



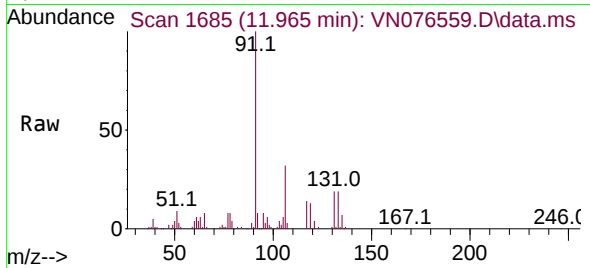
Tgt Ion:131 Resp: 30923
Ion Ratio Lower Upper
131 100
133 97.6 48.0 144.2
119 65.2 32.4 97.0





#67
Ethyl Benzene
Concen: 4.966 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

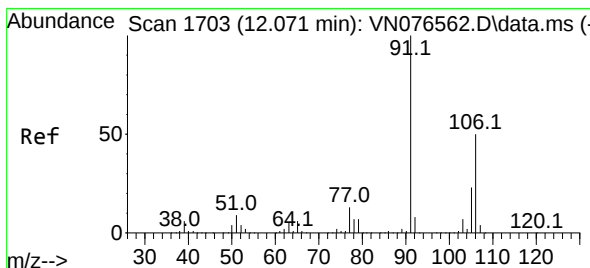
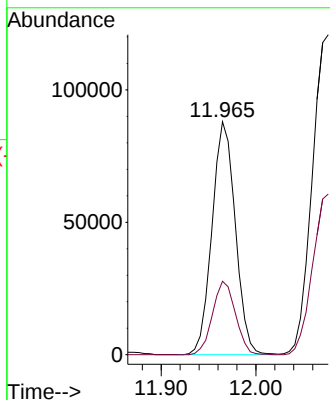
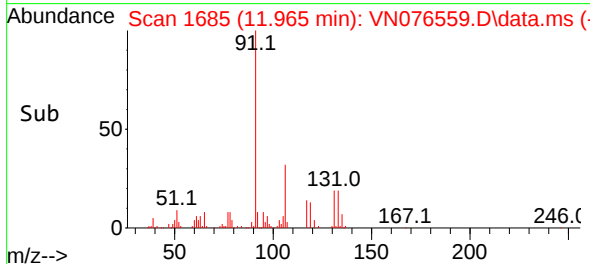
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



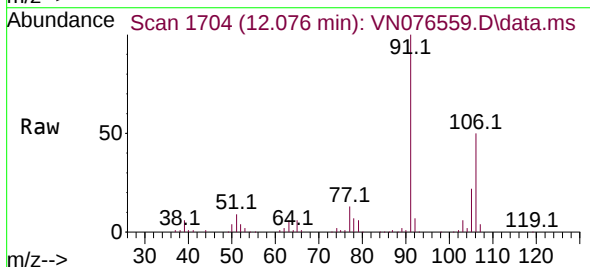
Tgt Ion: 91 Resp: 150490
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

Manual Integrations
APPROVED

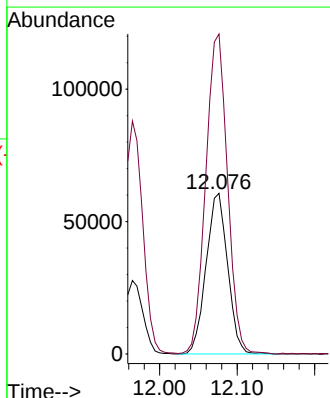
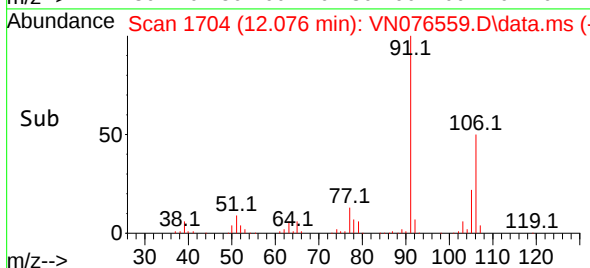
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

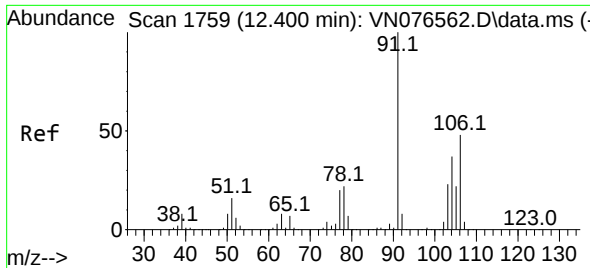


#68
m/p-Xylenes
Concen: 9.927 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07



Tgt Ion:106 Resp: 117198
Ion Ratio Lower Upper
106 100
91 201.2 160.2 240.4





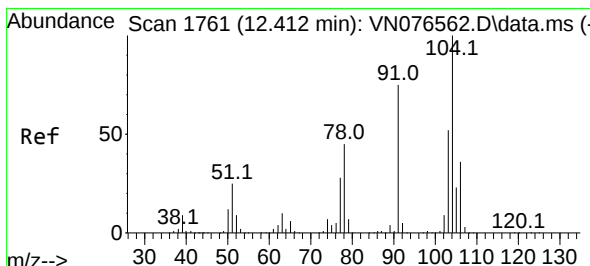
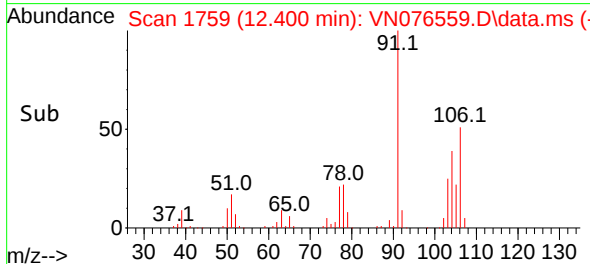
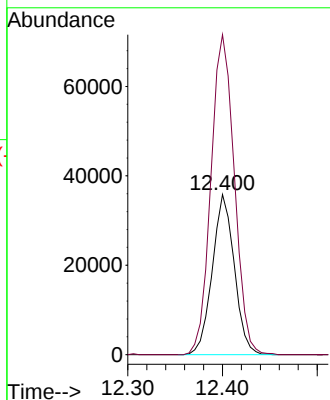
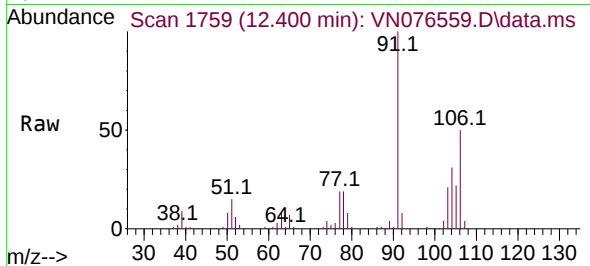
#69
o-Xylene
Concen: 5.005 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 57860
Ion Ratio Lower Upper
106 100
91 212.6 106.2 318.5

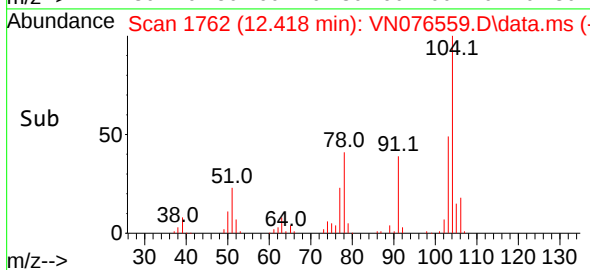
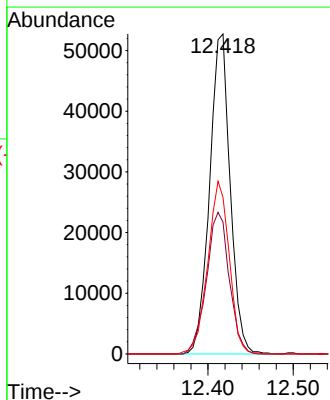
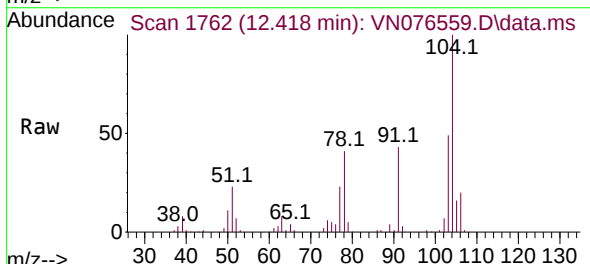
Manual Integrations
APPROVED

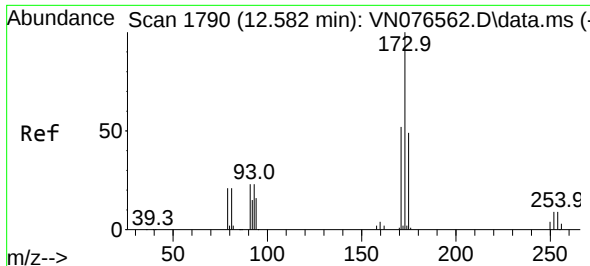
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#70
Styrene
Concen: 4.812 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

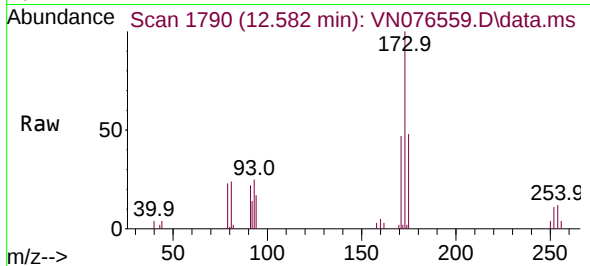
Tgt Ion:104 Resp: 88477
Ion Ratio Lower Upper
104 100
78 49.0 38.2 57.4
103 56.2 43.7 65.5





#71
Bromoform
Concen: 4.938 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

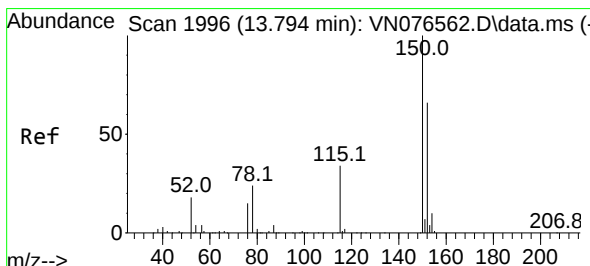
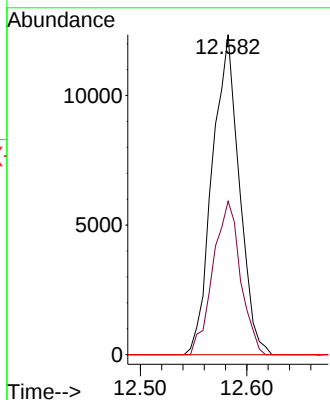
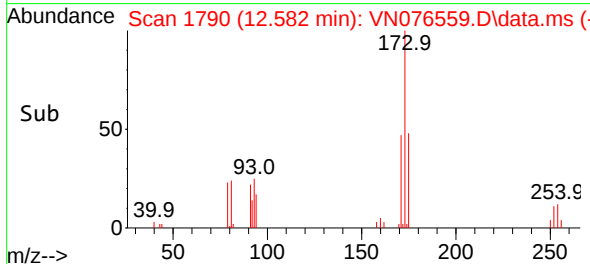
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



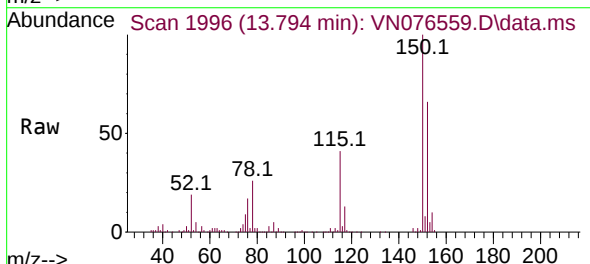
Tgt Ion:173 Resp: 2176
Ion Ratio Lower Upper
173 100
175 48.7 24.8 74.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

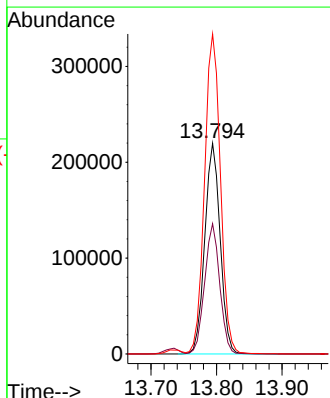
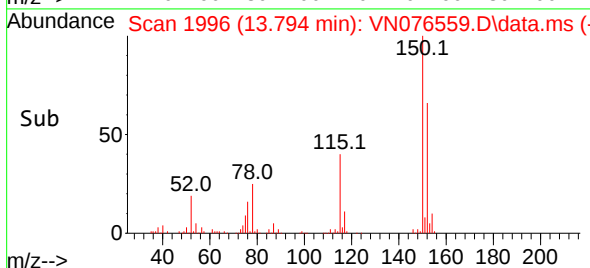
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

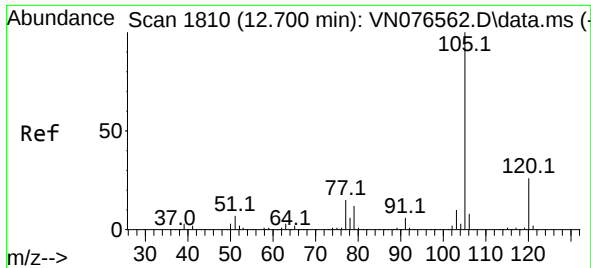


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07



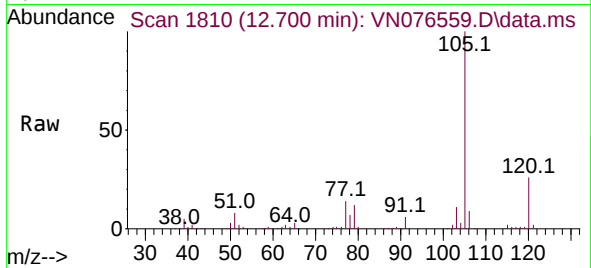
Tgt Ion:152 Resp: 358539
Ion Ratio Lower Upper
152 100
115 60.9 30.8 92.3
150 156.5 0.0 348.8





#73
Isopropylbenzene
Concen: 4.989 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

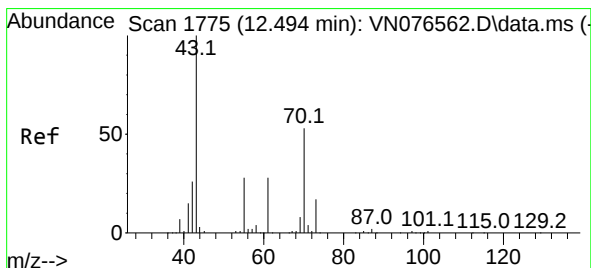
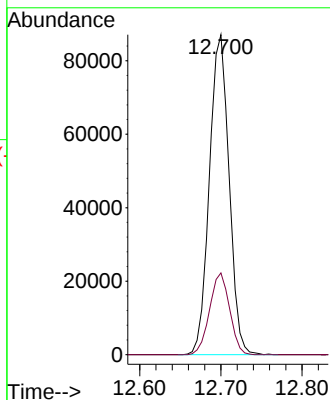
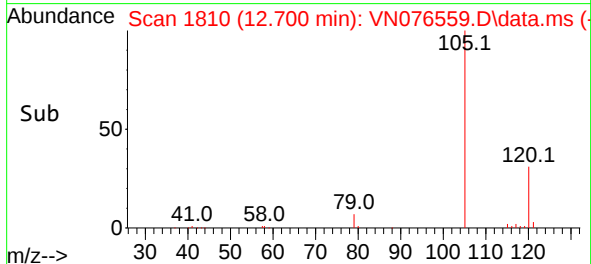
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:105 Resp: 146485
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

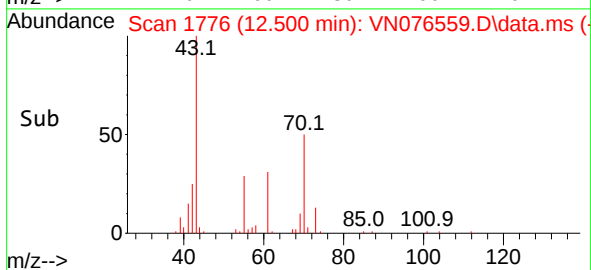
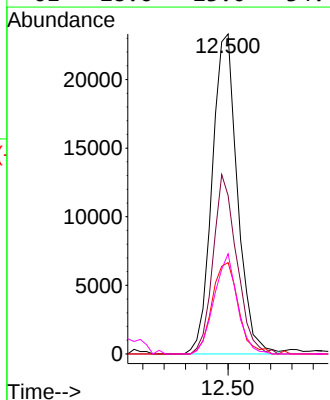
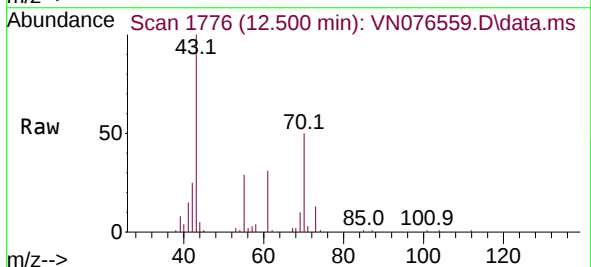
Manual Integrations
APPROVED

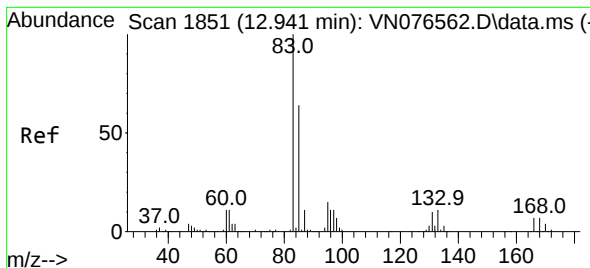
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#74
N-ethyl acetate
Concen: 4.690 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

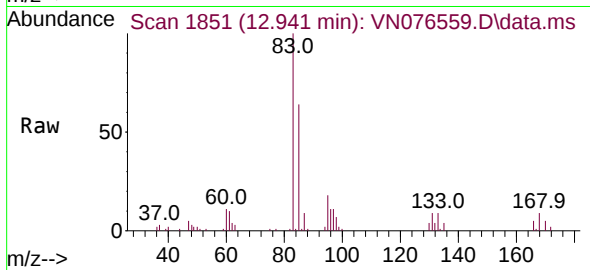
Tgt Ion: 43 Resp: 38407
Ion Ratio Lower Upper
43 100
70 52.4 43.1 64.7
55 29.6 22.4 33.6
61 28.6 23.0 34.4





#75
1,1,2,2-Tetrachloroethane
Concen: 5.110 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

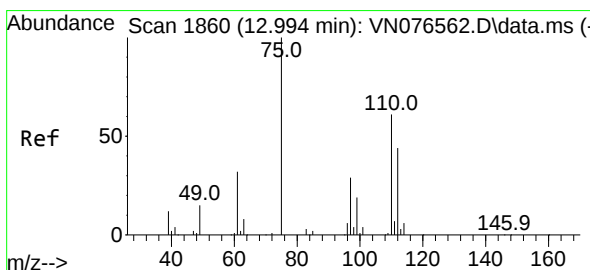
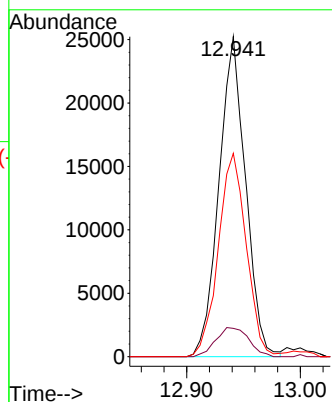
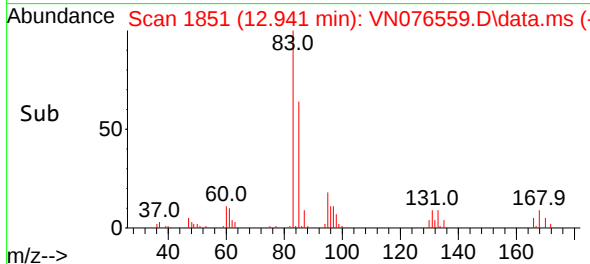
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 41124
Ion Ratio Lower Upper
83 100
131 11.3 5.3 16.1
85 66.7 32.4 97.0

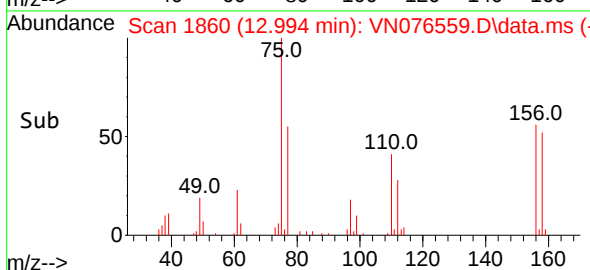
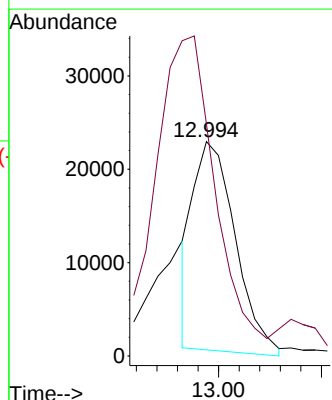
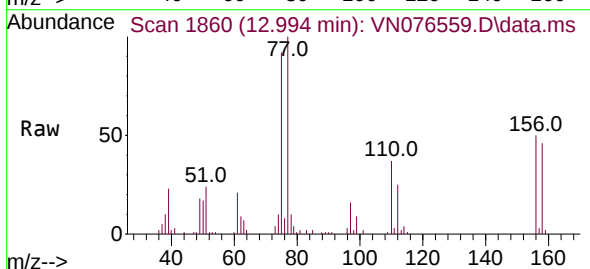
Manual Integrations
APPROVED

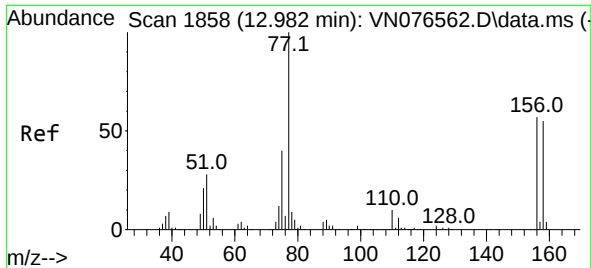
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#76
1,2,3-Trichloropropane
Concen: 4.478 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

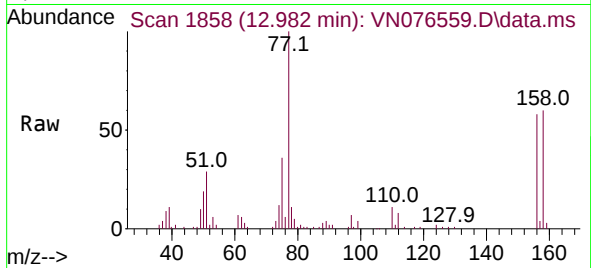
Tgt Ion: 75 Resp: 31769
Ion Ratio Lower Upper
75 100
77 221.7 87.5 262.5





#77
Bromobenzene
Concen: 4.924 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

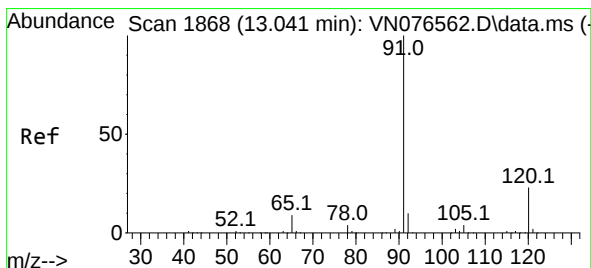
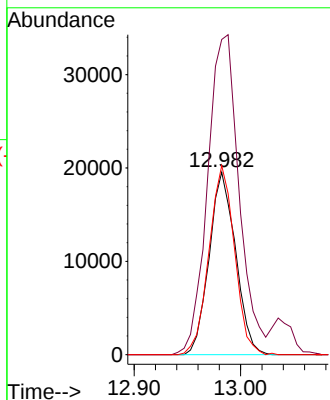
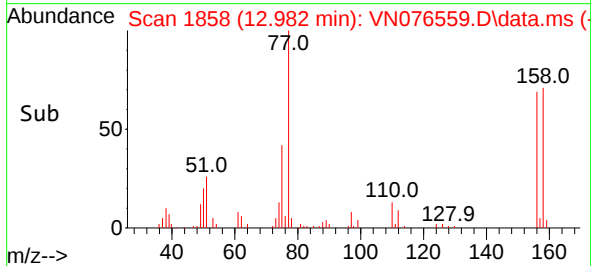
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



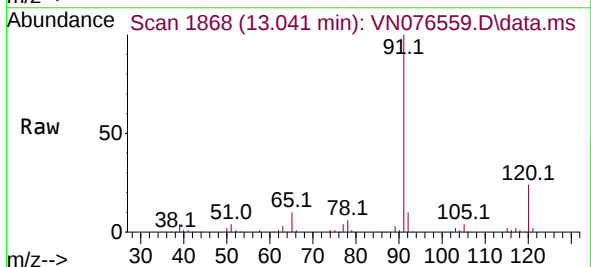
Tgt Ion:156 Resp: 33632
Ion Ratio Lower Upper
156 100
77 209.4 101.6 304.9
158 100.2 48.9 146.7

Manual Integrations
APPROVED

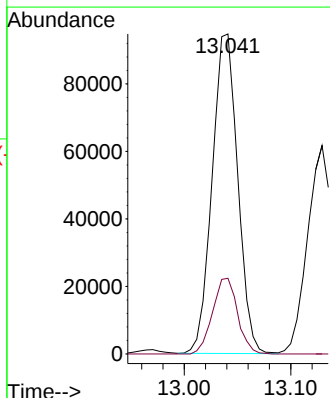
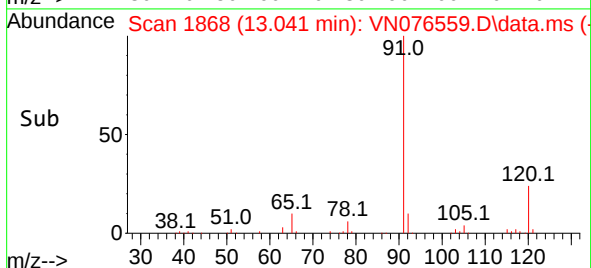
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

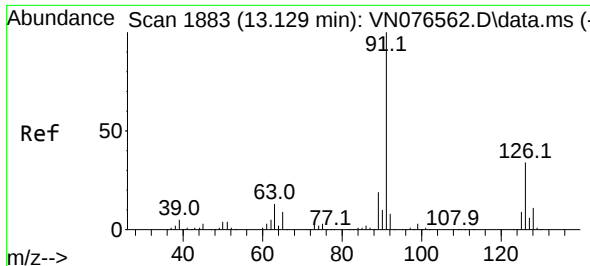


#78
n-propylbenzene
Concen: 4.888 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07



Tgt Ion: 91 Resp: 158035
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8





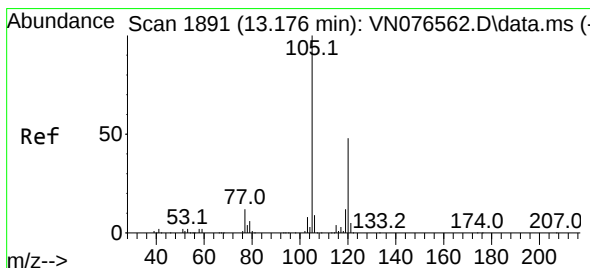
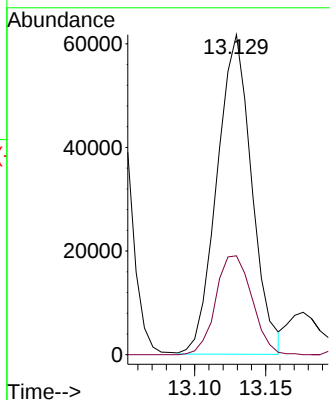
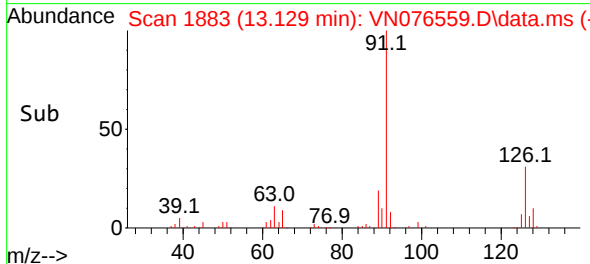
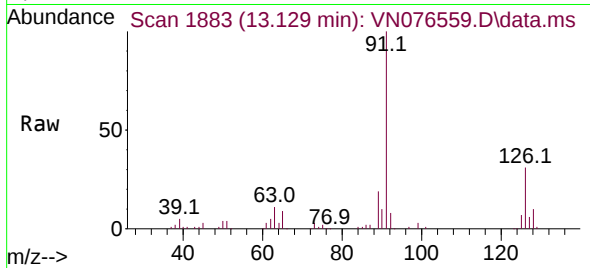
#79
2-Chlorotoluene
Concen: 5.102 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 10509
Ion Ratio Lower Upper
91 100
126 32.3 16.8 50.3

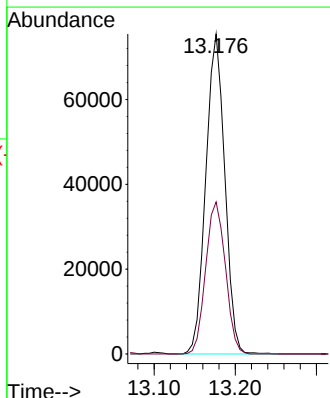
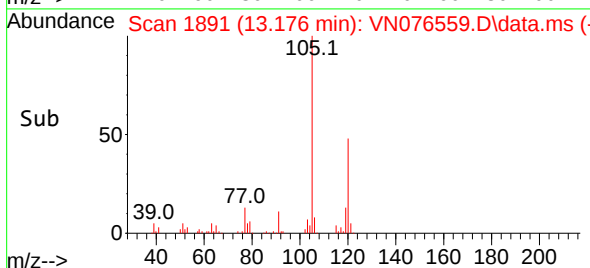
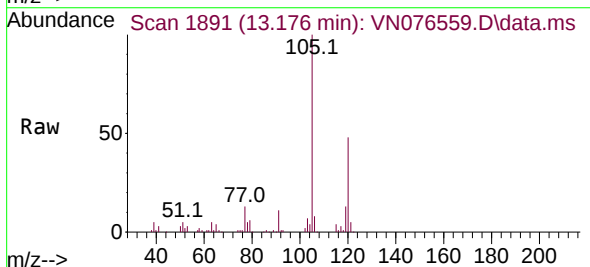
Manual Integrations
APPROVED

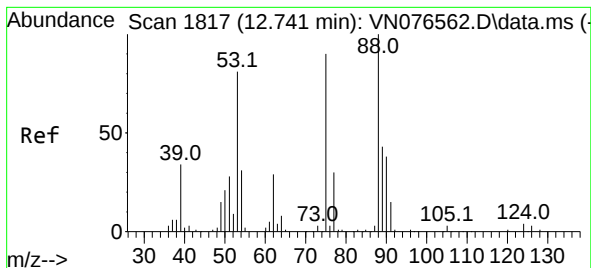
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.024 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Tgt Ion:105 Resp: 122434
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.9





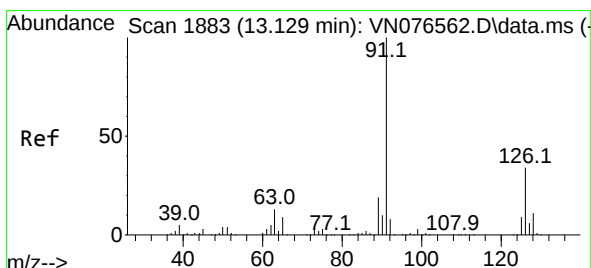
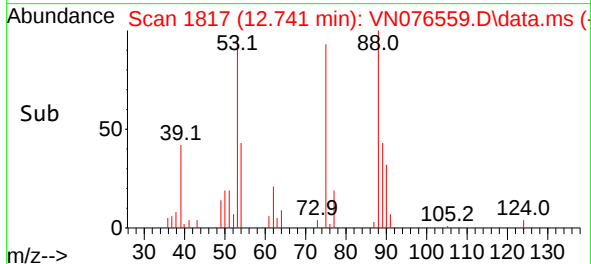
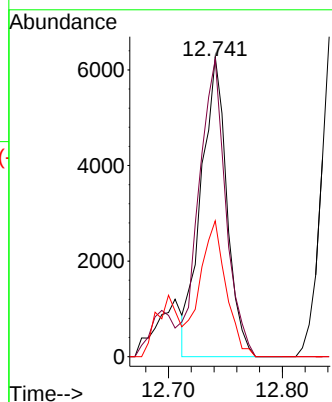
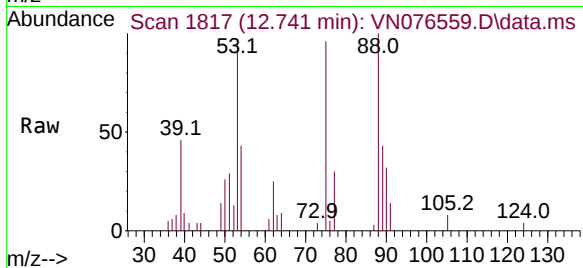
#81
trans-1,4-Dichloro-2-butene
Concen: 4.588 ug/l m
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 988
Ion Ratio Lower Upper
75 100
53 104.5 77.1 115.7
89 46.5 41.5 62.3

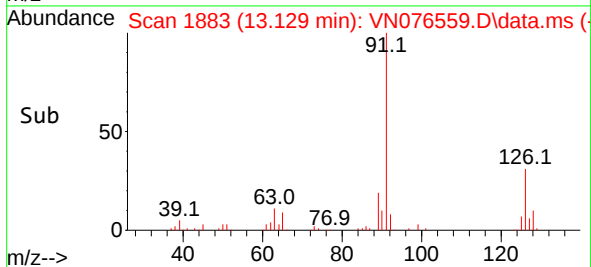
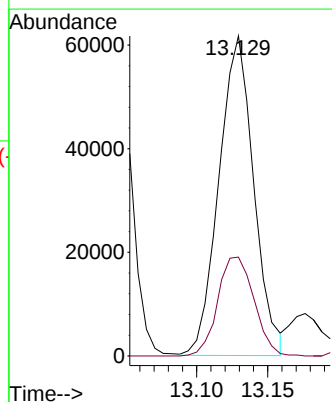
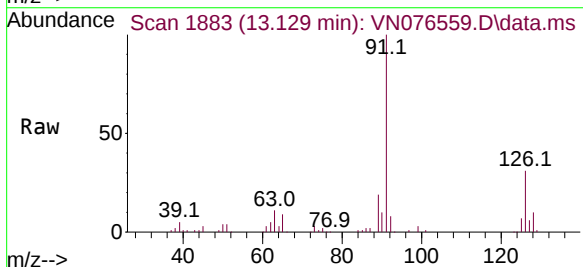
Manual Integrations
APPROVED

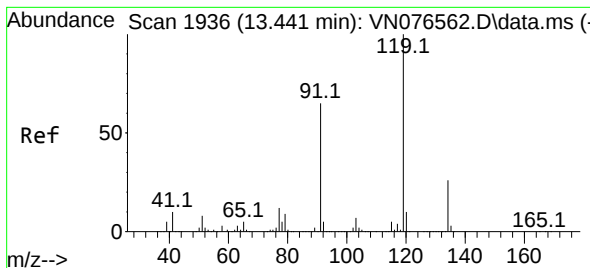
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#82
4-Chlorotoluene
Concen: 5.102 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Tgt Ion: 91 Resp: 105091
Ion Ratio Lower Upper
91 100
126 32.3 16.8 50.3





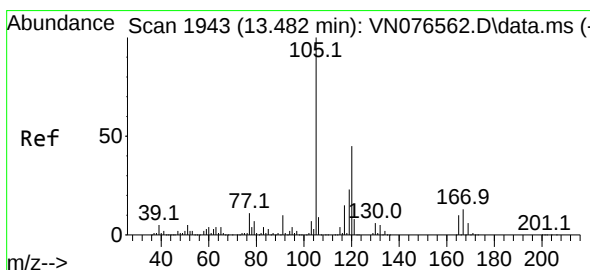
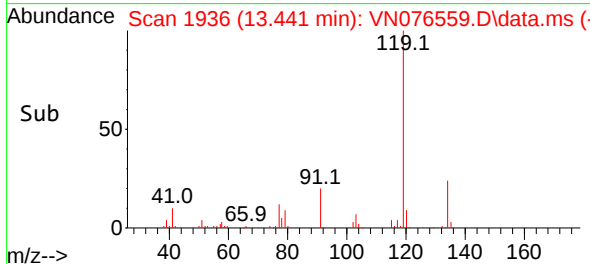
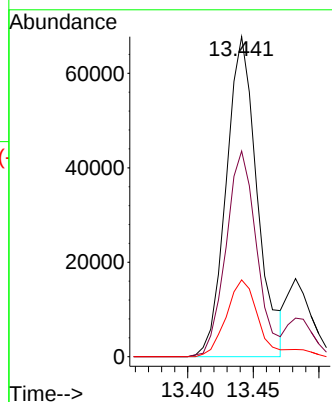
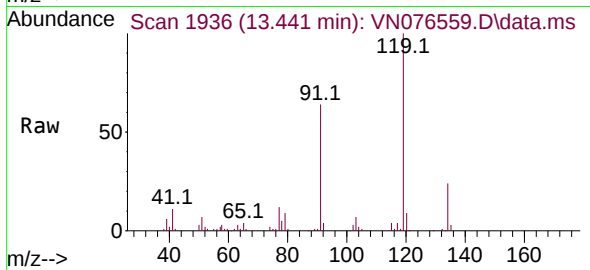
#83
tert-Butylbenzene
Concen: 5.107 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 111472
Ion Ratio Lower Upper
119 100
91 63.7 33.2 99.6
134 25.9 13.4 40.1

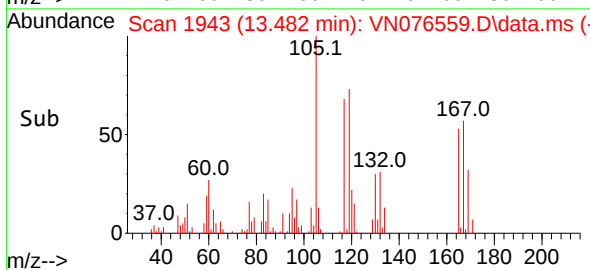
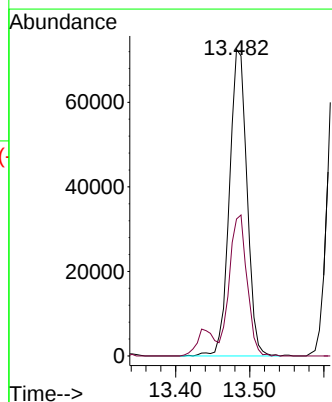
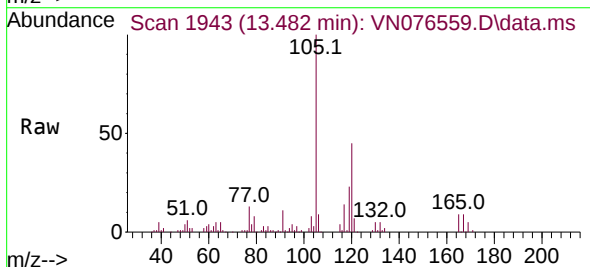
Manual Integrations
APPROVED

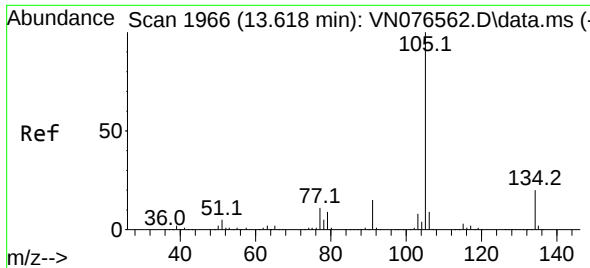
Reviewed By :John Carbone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#84
1,2,4-Trimethylbenzene
Concen: 4.918 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

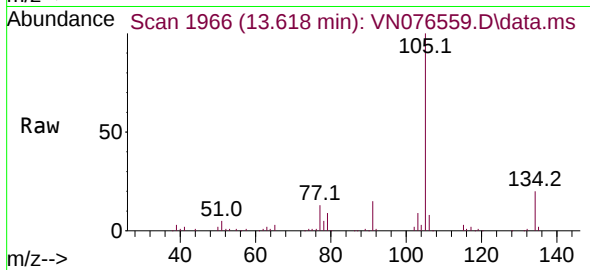
Tgt Ion:105 Resp: 119280
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 4.965 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076559.D
 Acq: 07 Feb 2023 12:07

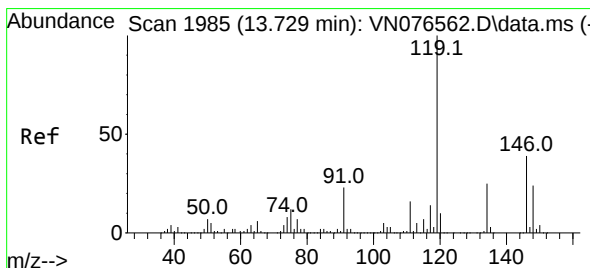
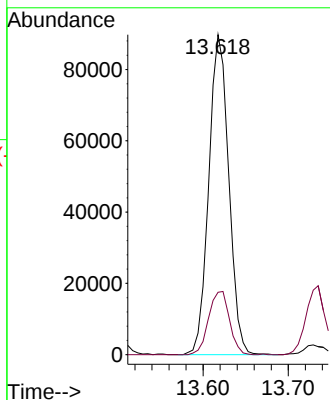
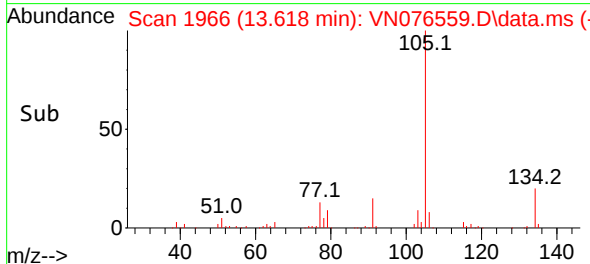
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



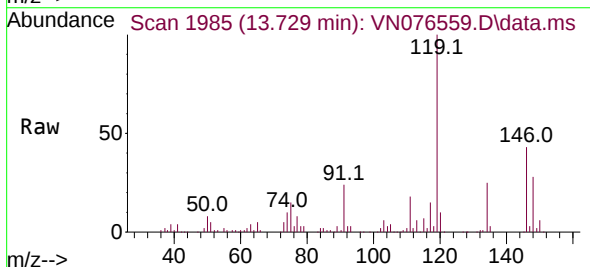
Tgt Ion:105 Resp: 14614
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

Manual Integrations
 APPROVED

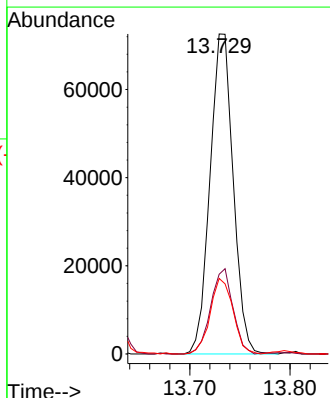
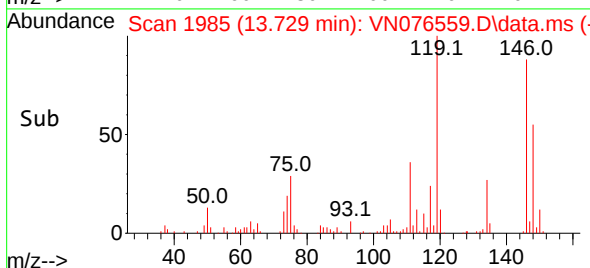
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

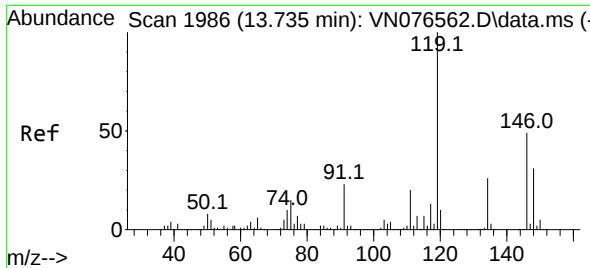


#86
 p-Isopropyltoluene
 Concen: 4.845 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN076559.D
 Acq: 07 Feb 2023 12:07



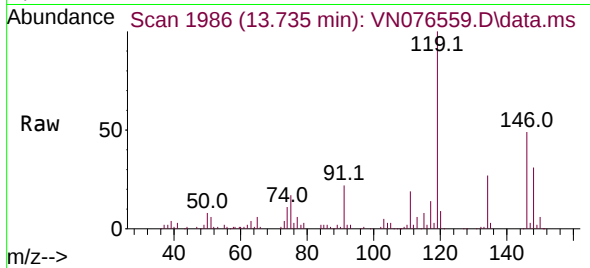
Tgt Ion:119 Resp: 116879
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 23.3 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 4.972 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

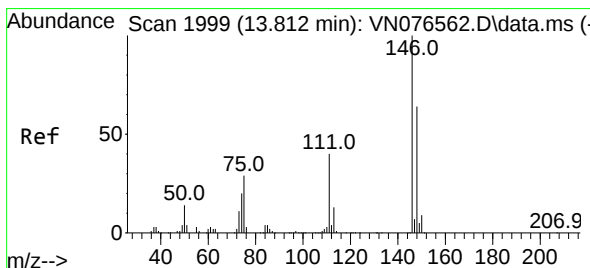
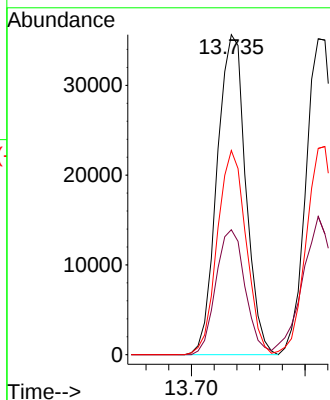
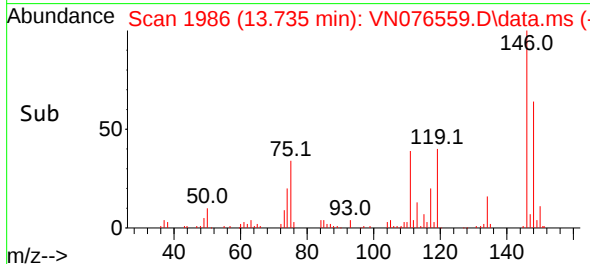
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



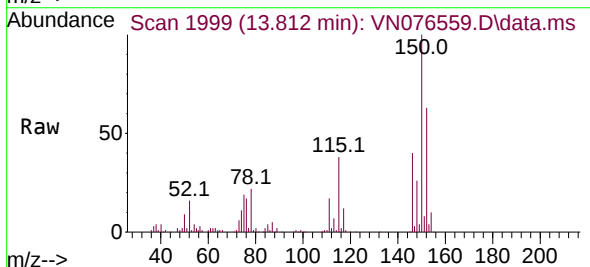
Tgt Ion:146 Resp: 6250
Ion Ratio Lower Upper
146 100
111 40.0 20.3 61.0
148 63.9 31.5 94.5

Manual Integrations
APPROVED

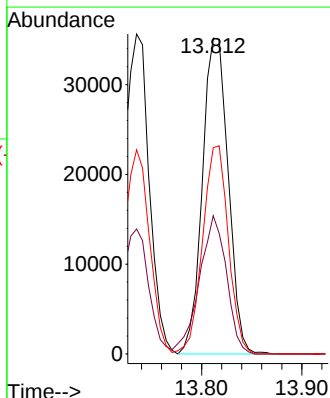
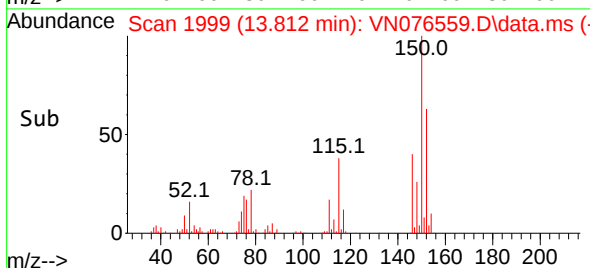
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

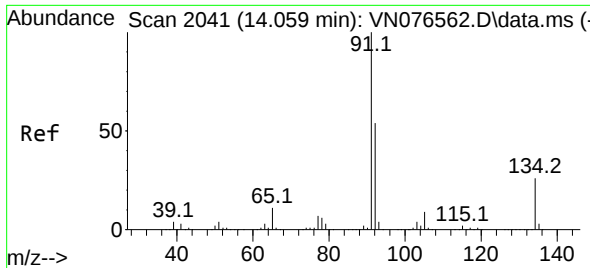


#88
1,4-Dichlorobenzene
Concen: 4.945 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07



Tgt Ion:146 Resp: 63140
Ion Ratio Lower Upper
146 100
111 45.9 19.8 59.4
148 65.5 31.6 94.8





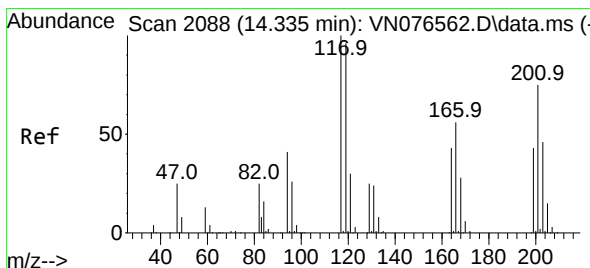
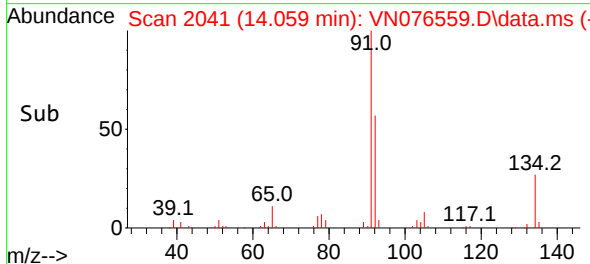
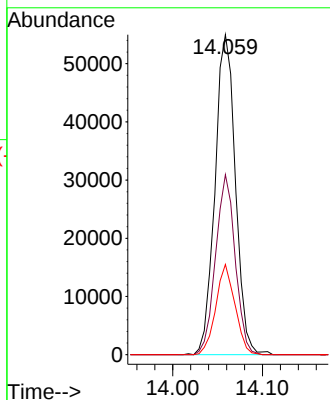
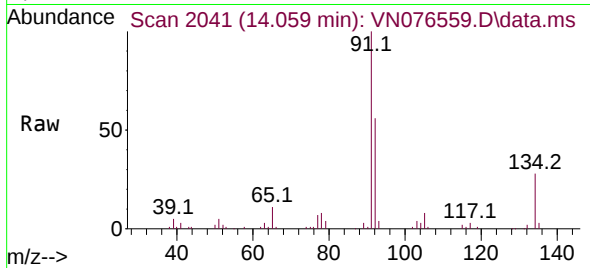
#89
n-Butylbenzene
Concen: 4.554 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 86980
Ion Ratio Lower Upper
91 100
92 53.9 27.0 80.8
134 26.5 13.1 39.3

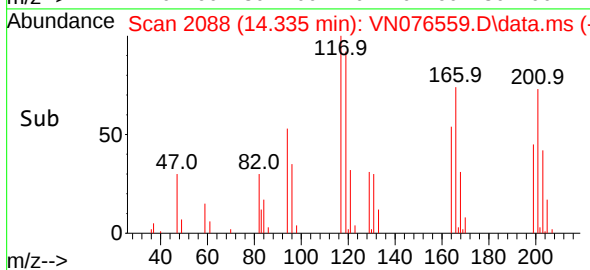
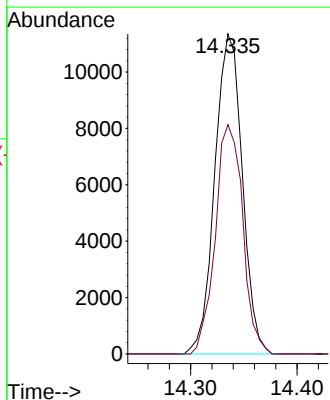
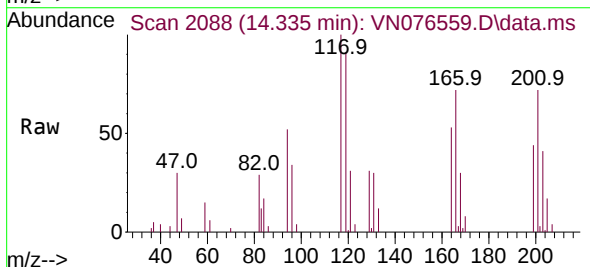
Manual Integrations
APPROVED

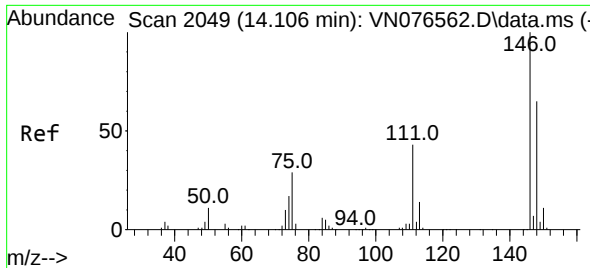
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#90
Hexachloroethane
Concen: 4.837 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

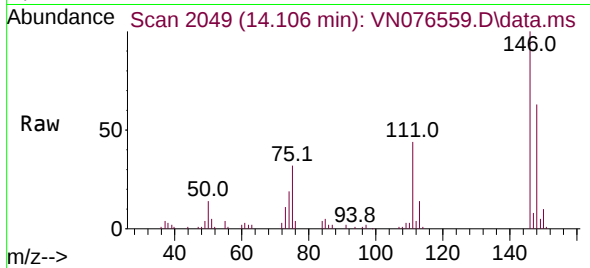
Tgt Ion:117 Resp: 20324
Ion Ratio Lower Upper
117 100
201 71.6 37.2 111.6





#91
1,2-Dichlorobenzene
Concen: 4.922 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07

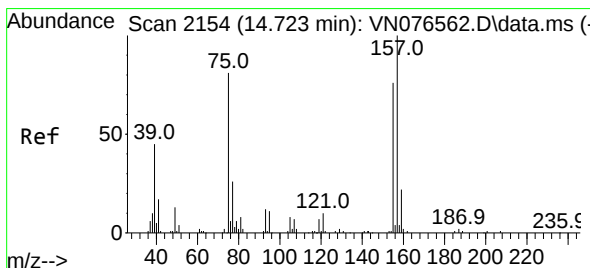
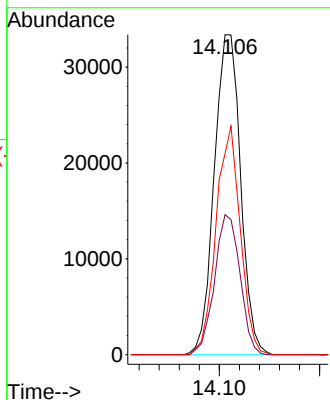
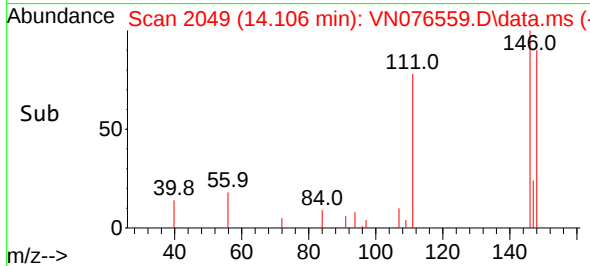
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



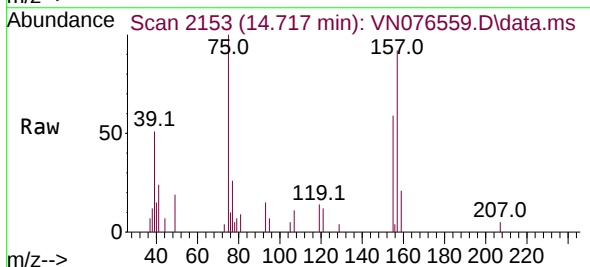
Tgt Ion:146 Resp: 61000
Ion Ratio Lower Upper
146 100
111 42.2 21.4 64.3
148 65.6 31.9 95.9

Manual Integrations
APPROVED

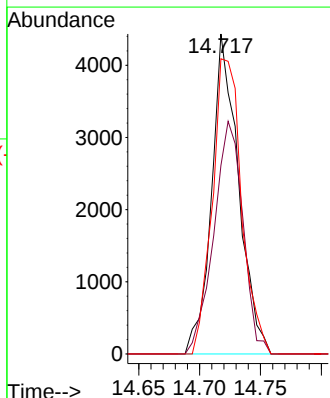
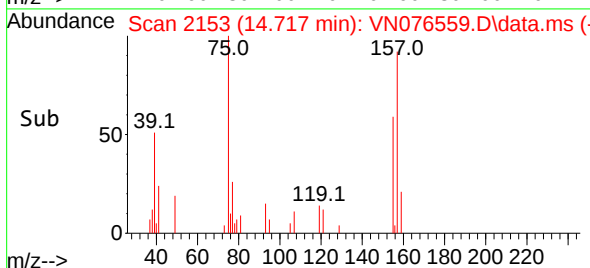
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

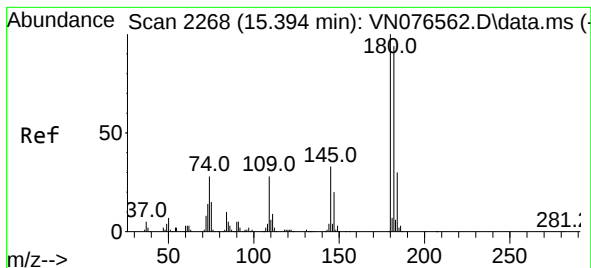


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.885 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN076559.D
Acq: 07 Feb 2023 12:07



Tgt Ion: 75 Resp: 6804
Ion Ratio Lower Upper
75 100
155 78.9 44.8 134.4
157 100.5 58.4 175.1





#93

1,2,4-Trichlorobenzene

Concen: 4.384 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

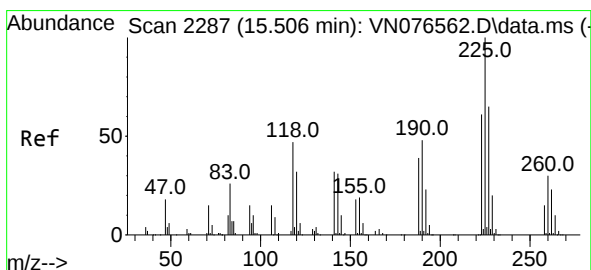
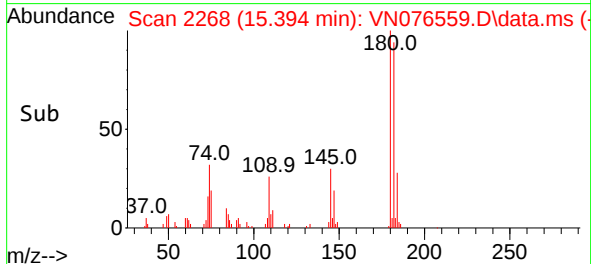
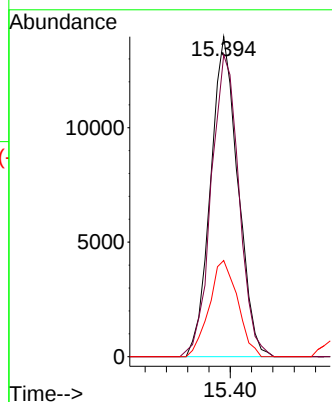
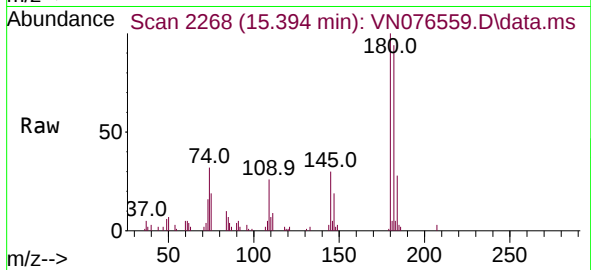
Tgt Ion:180	Resp:	2489
Ion Ratio	Lower	Upper
180	100	
182	95.5	47.4 142.2
145	31.2	16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#94

Hexachlorobutadiene

Concen: 5.009 ug/l

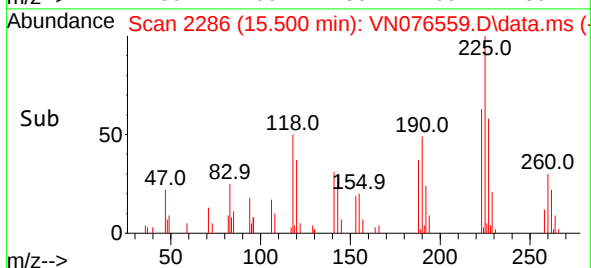
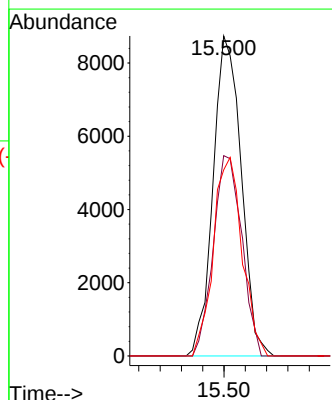
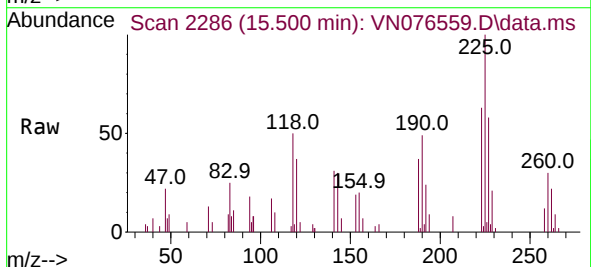
RT: 15.500 min Scan# 2286

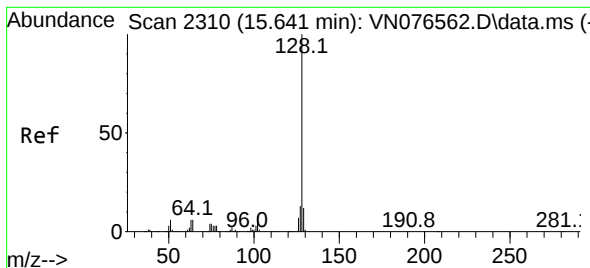
Delta R.T. -0.006 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

Tgt Ion:225	Resp:	15994
Ion Ratio	Lower	Upper
225	100	
223	63.5	31.2 93.6
227	63.6	31.8 95.3





#95

Naphthalene

Concen: 3.921 ug/l

RT: 15.647 min Scan# 2310

Delta R.T. 0.006 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

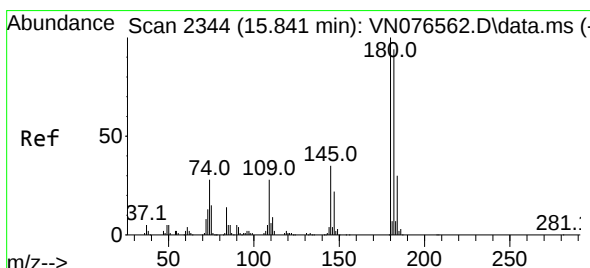
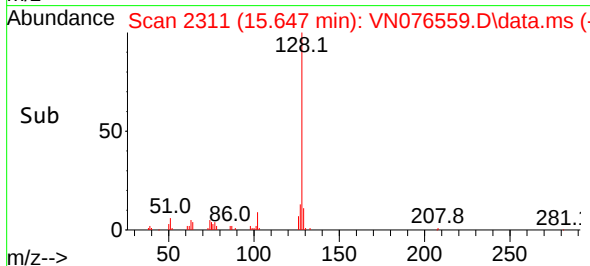
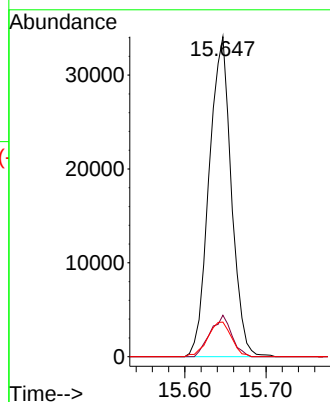
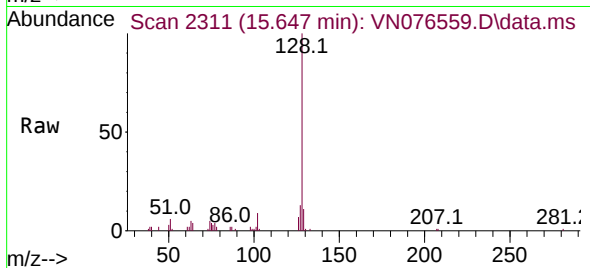
Tgt Ion:	128	Resp:	6478
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.2
129	11.6	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#96

1,2,3-Trichlorobenzene

Concen: 4.310 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076559.D

Acq: 07 Feb 2023 12:07

Tgt Ion:	180	Resp:	23438
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.4	142.2
145	37.9	17.2	51.5

