

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
 Data File : VN076558.D
 Acq On : 07 Feb 2023 11:43
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Feb 08 08:54:35 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	555529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	955391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	817577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	305551	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.136	85	4390	0.761	ug/l	82
3) Chloromethane	2.371	50	5665	1.068	ug/l	94
4) Vinyl Chloride	2.530	62	4790	0.984	ug/l #	86
6) Chloroethane	3.136	64	3520	1.195	ug/l	99
7) Trichlorofluoromethane	3.512	101	10327	1.076	ug/l #	83
8) Diethyl Ether	3.995	74	3510	0.966	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	6246	1.050	ug/l	94
12) 1,1-Dichloroethene	4.353	96	4952	0.891	ug/l	95
14) Allyl chloride	5.042	41	7016	0.970	ug/l	95
15) Acrylonitrile	5.742	53	13395	5.227	ug/l	98
16) Acetone	4.453	43	12092	5.594	ug/l	91
17) Carbon Disulfide	4.724	76	14604	1.015	ug/l	97
18) Methyl Acetate	5.047	43	6704	0.980	ug/l #	80
19) Methyl tert-butyl Ether	5.812	73	18242	0.987	ug/l #	85
20) Methylene Chloride	5.294	84	7503	1.126	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	6287	1.041	ug/l	93
22) Diisopropyl ether	6.689	45	15226	0.929	ug/l #	94
23) Vinyl Acetate	6.624	43	46293	4.498	ug/l	98
24) 1,1-Dichloroethane	6.583	63	10495	0.997	ug/l #	93
25) 2-Butanone	7.500	43	15781	5.079	ug/l	96
26) 2,2-Dichloropropane	7.494	77	8881	1.010	ug/l	95
27) cis-1,2-Dichloroethene	7.506	96	7195	1.019	ug/l	98
28) Bromochloromethane	7.824	49	3851	0.913	ug/l #	97
29) Tetrahydrofuran	7.847	42	9911	4.963	ug/l	93
30) Chloroform	7.977	83	11223	0.982	ug/l	91
32) 1,1,1-Trichloroethane	8.183	97	10046	0.981	ug/l #	45
36) 1,1-Dichloropropene	8.383	75	8654	1.021	ug/l	92
37) Ethyl Acetate	7.571	43	5938	0.920	ug/l #	95
38) Carbon Tetrachloride	8.371	117	8854	0.971	ug/l	96
39) Methylcyclohexane	9.606	83	9199	0.874	ug/l	99
40) Benzene	8.612	78	24582	0.956	ug/l	96
41) Methacrylonitrile	7.794	41	3269	0.909	ug/l #	64
42) 1,2-Dichloroethane	8.677	62	8587	1.026	ug/l	97
43) Isopropyl Acetate	8.694	43	10077	0.953	ug/l	97
44) Trichloroethene	9.359	130	6944	1.012	ug/l	88
45) 1,2-Dichloropropane	9.629	63	5969	0.967	ug/l	98

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Feb 08 08:54:35 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

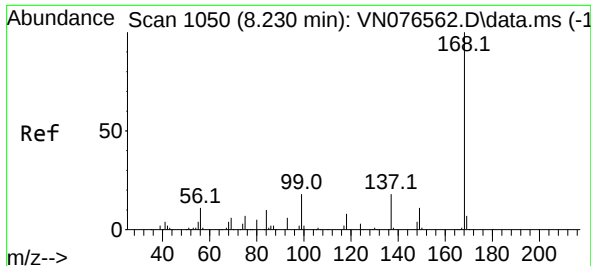
Reviewed By : John Carlone 02/08/2023
 Supervised By : Mahesh Dadoda 02/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	4736	1.063	ug/l	87
47) Bromodichloromethane	9.894	83	8493	0.948	ug/l	97
48) Methyl methacrylate	9.688	41	5233	1.007	ug/l	89
49) 1,4-Dioxane	9.694	88	2115	19.017	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	29708	4.676	ug/l	95
52) Toluene	10.629	92	15847	0.955	ug/l	93
53) t-1,3-Dichloropropene	10.841	75	7714	0.891	ug/l	89
54) cis-1,3-Dichloropropene	10.318	75	8996	0.912	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	6675	1.027	ug/l #	88
56) Ethyl methacrylate	10.871	69	7280	0.837	ug/l	92
57) 1,3-Dichloropropane	11.165	76	10179	0.968	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	9605	3.865	ug/l	97
59) 2-Hexanone	11.200	43	20643	4.558	ug/l	93
60) Dibromochloromethane	11.359	129	6535	0.954	ug/l	96
61) 1,2-Dibromoethane	11.476	107	6255	0.973	ug/l	99
64) Tetrachloroethene	11.106	164	7829	1.150	ug/l	93
65) Chlorobenzene	11.894	112	16934	1.002	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	6331	1.011	ug/l #	64
67) Ethyl Benzene	11.965	91	28803	0.959	ug/l	95
68) m/p-Xylenes	12.076	106	21444	1.832	ug/l	97
69) o-Xylene	12.400	106	10144	0.885	ug/l	100
70) Styrene	12.412	104	15158	0.831	ug/l	98
71) Bromoform	12.576	173	3846	0.880	ug/l #	100
73) Isopropylbenzene	12.694	105	25295	1.011	ug/l	98
74) N-amyl acetate	12.500	43	7052	1.011	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	7040	1.026	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	6492m	1.074	ug/l	
77) Bromobenzene	12.982	156	6615	1.136	ug/l	97
78) n-propylbenzene	13.035	91	25657	0.931	ug/l	95
79) 2-Chlorotoluene	13.123	91	18283	1.042	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	18429	0.887	ug/l	99
82) 4-Chlorotoluene	13.123	91	18283	1.042	ug/l	95
83) tert-Butylbenzene	13.441	119	17763	0.955	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	19011	0.920	ug/l	99
85) sec-Butylbenzene	13.617	105	21612	0.862	ug/l	99
86) p-Isopropyltoluene	13.729	119	17192	0.836	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	11593	1.082	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	13090m	1.203	ug/l	
89) n-Butylbenzene	14.059	91	15082	0.927	ug/l	98
90) Hexachloroethane	14.341	117	3591	1.003	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	11538	1.092	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1339	1.128	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	5726	1.183	ug/l	94
94) Hexachlorobutadiene	15.506	225	2846	1.046	ug/l	92
95) Naphthalene	15.647	128	17793	1.264	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	5683	1.226	ug/l	94

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

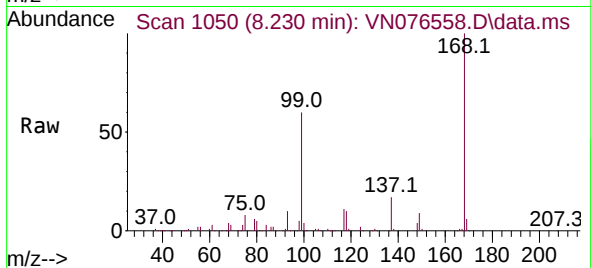
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

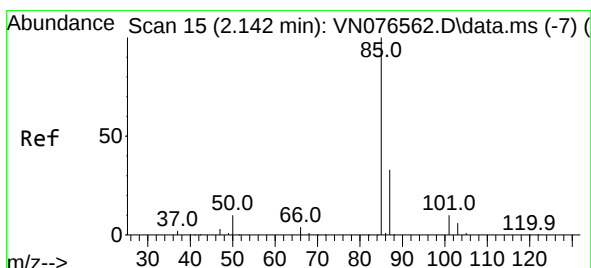
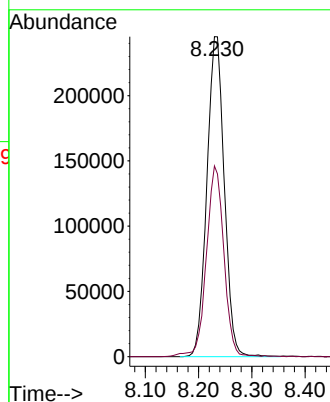
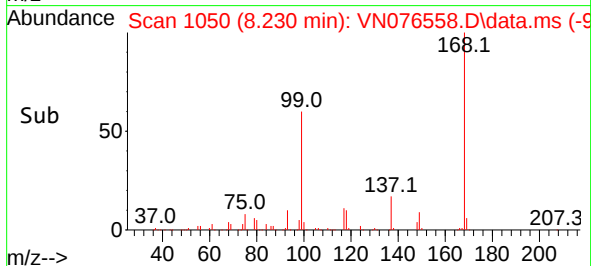
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 555529
Ion Ratio Lower Upper
168 100
99 59.5 47.8 71.8

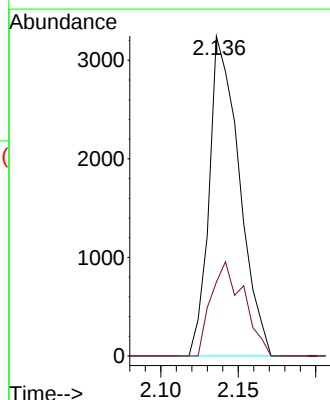
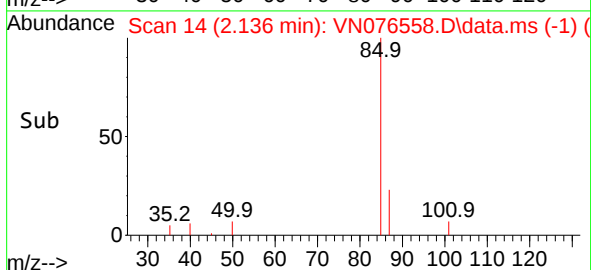
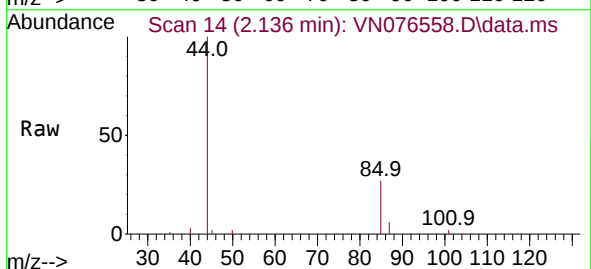
Manual Integrations
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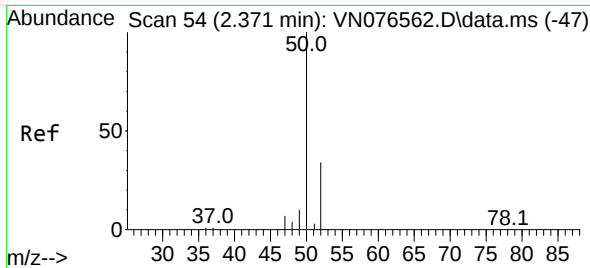
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#2
Dichlorodifluoromethane
Concen: 0.761 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

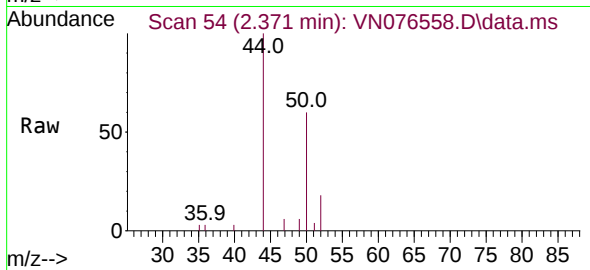
Tgt Ion: 85 Resp: 4390
Ion Ratio Lower Upper
85 100
87 23.1 16.6 49.8





#3
Chloromethane
Concen: 1.068 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

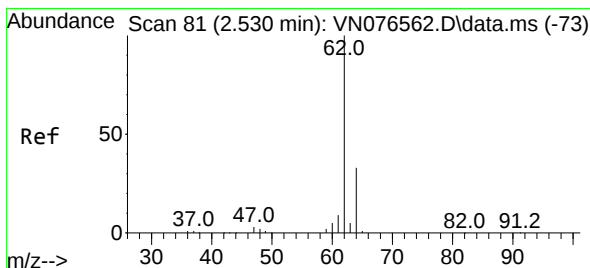
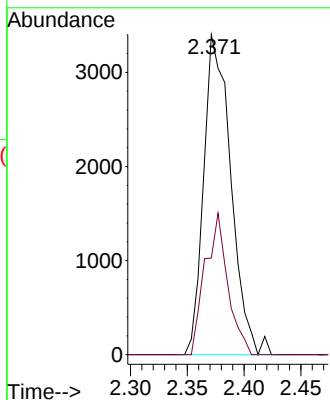
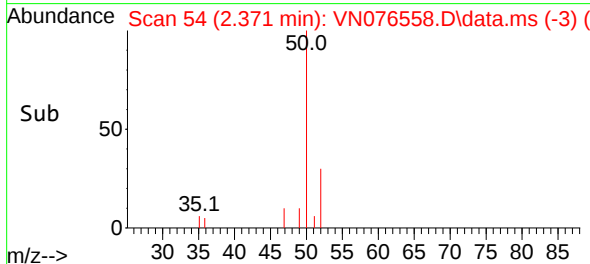
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



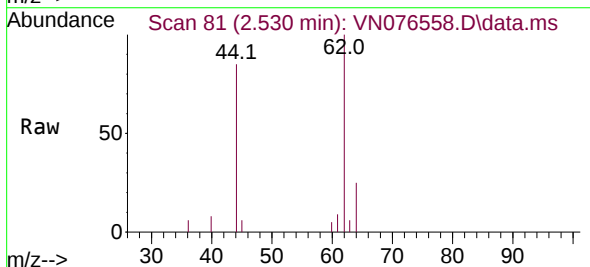
Tgt Ion: 50 Resp: 566
Ion Ratio Lower Upper
50 100
52 30.2 27.0 40.4

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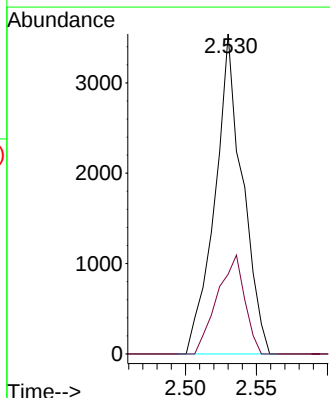
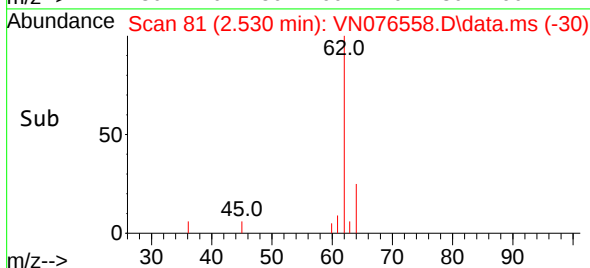
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

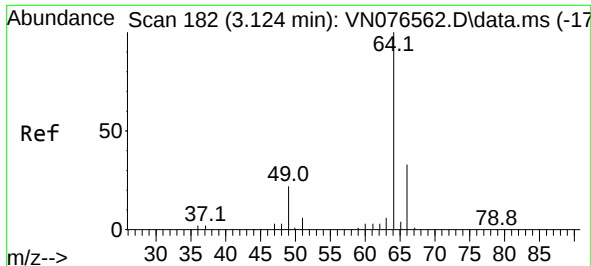


#4
Vinyl Chloride
Concen: 0.984 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43



Tgt Ion: 62 Resp: 4790
Ion Ratio Lower Upper
62 100
64 24.9 26.0 39.0





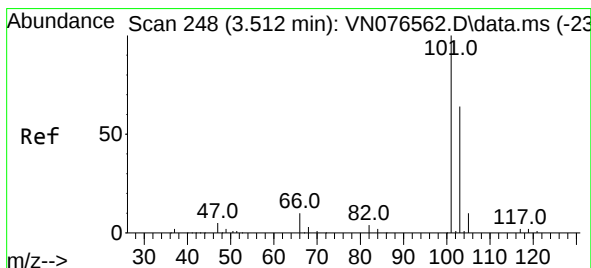
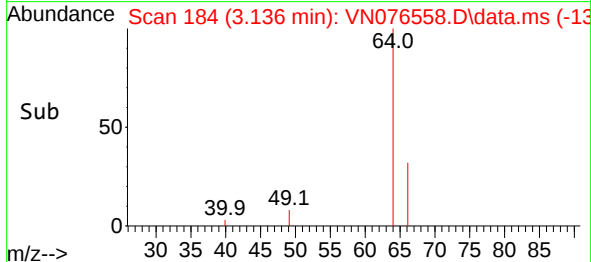
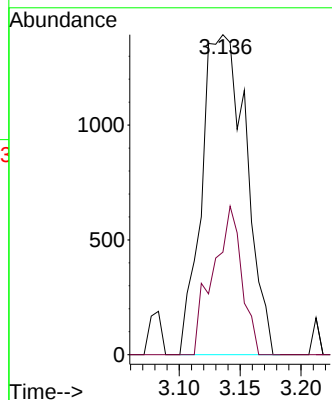
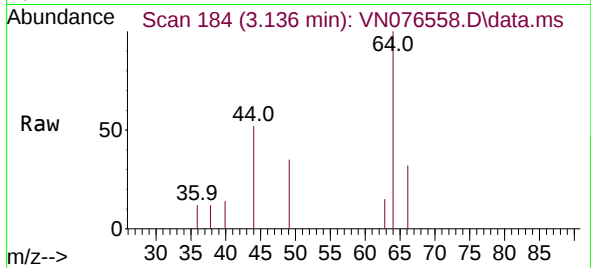
#6
Chloroethane
Concen: 1.195 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 3520
Ion Ratio Lower Upper
64 100
66 32.1 26.3 39.5

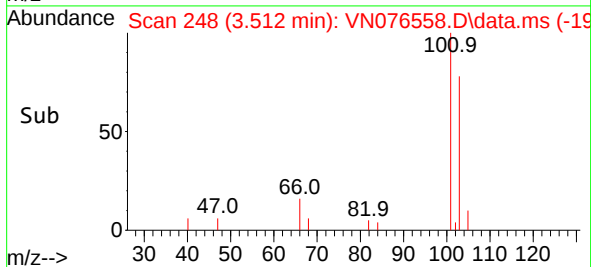
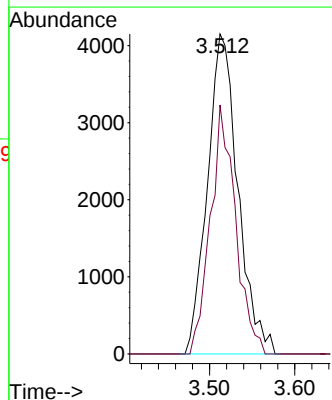
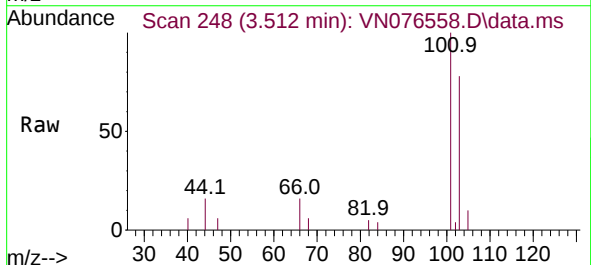
Manual Integrations
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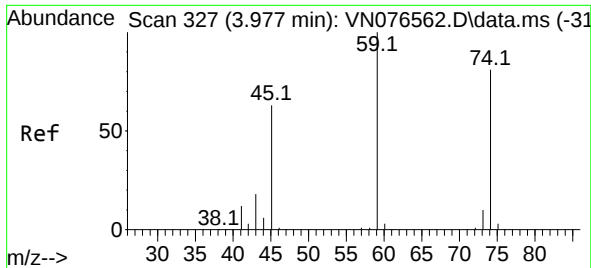
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#7
Trichlorofluoromethane
Concen: 1.076 ug/l
RT: 3.512 min Scan# 248
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Tgt Ion:101 Resp: 10327
Ion Ratio Lower Upper
101 100
103 77.8 51.3 76.9#





#8

Diethyl Ether

Concen: 0.966 ug/l

RT: 3.995 min Scan# 31

Delta R.T. 0.018 min

Lab File: VN076558.D

Acq: 07 Feb 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 74 Resp: 3510

Ion Ratio Lower Upper

74 100

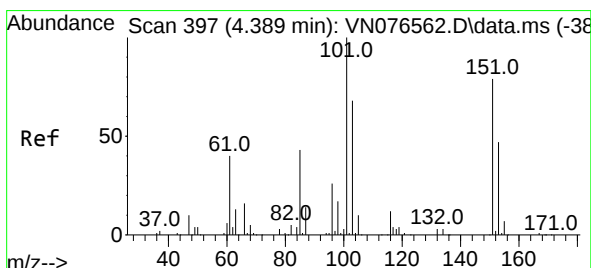
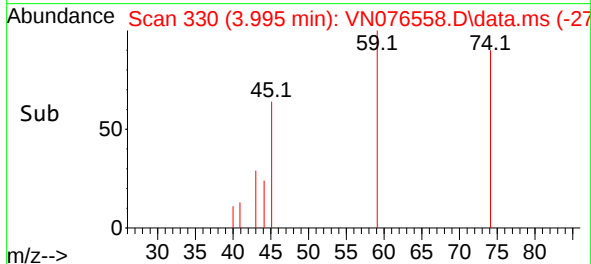
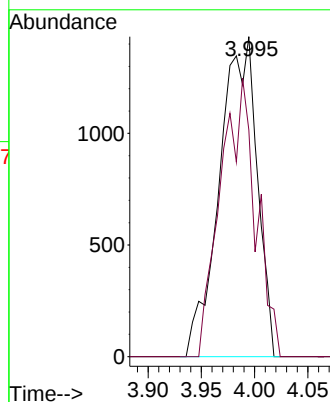
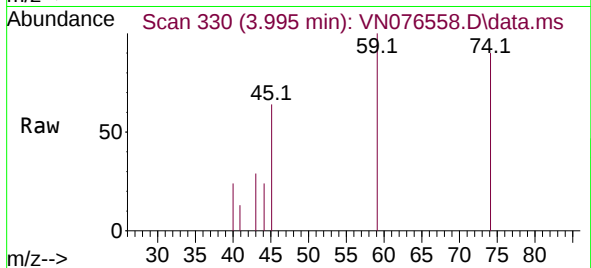
45 81.9 39.8 119.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.050 ug/l

RT: 4.383 min Scan# 396

Delta R.T. -0.006 min

Lab File: VN076558.D

Acq: 07 Feb 2023 11:43

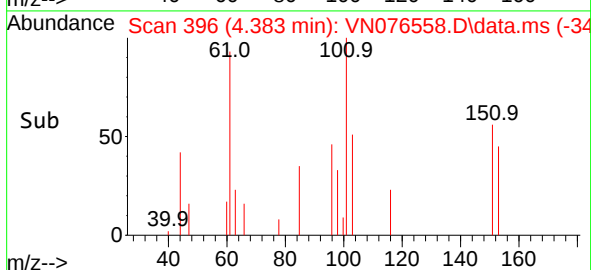
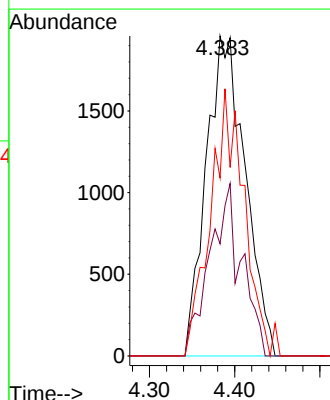
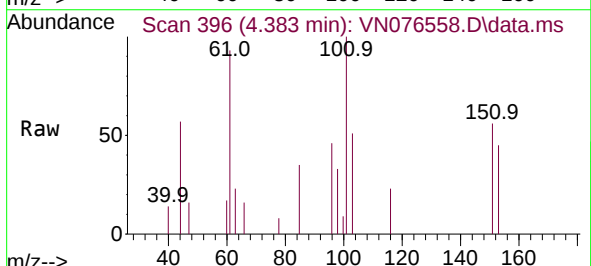
Tgt Ion:101 Resp: 6246

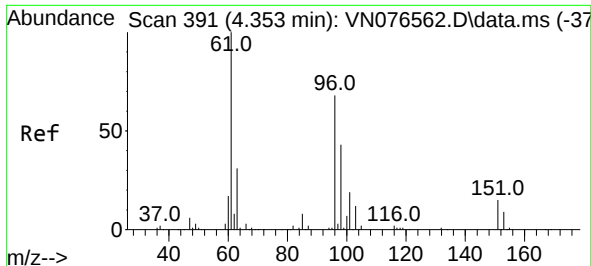
Ion Ratio Lower Upper

101 100

85 44.0 33.9 50.9

151 70.7 62.5 93.7





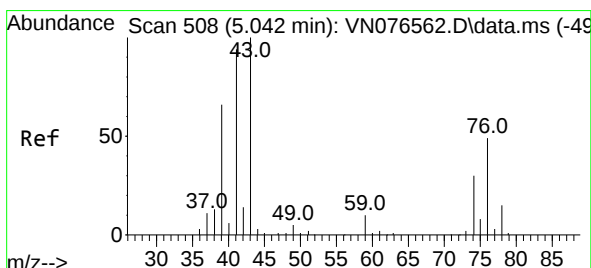
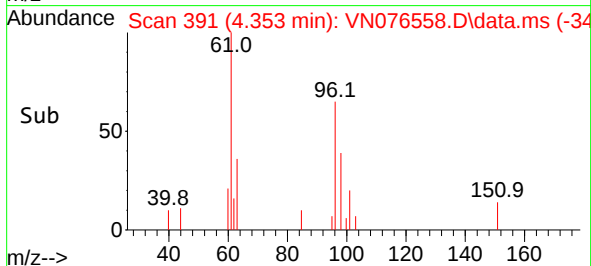
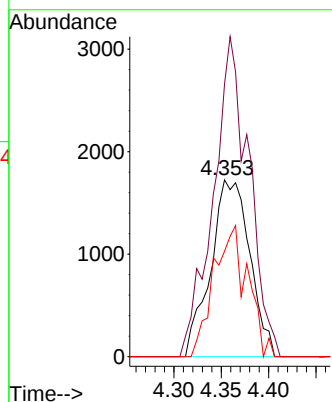
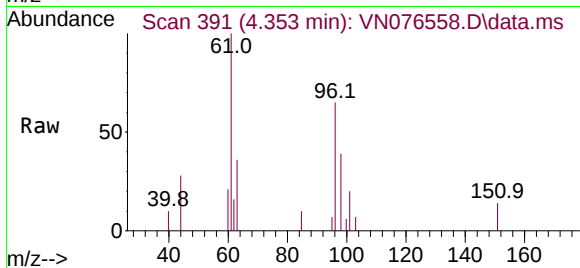
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1,1-Dichloroethene
Concen: 0.891 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 4952
Ion Ratio Lower Upper
96 100
61 154.1 118.3 177.5
98 59.6 50.7 76.1

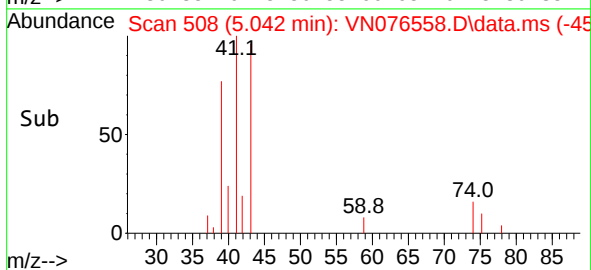
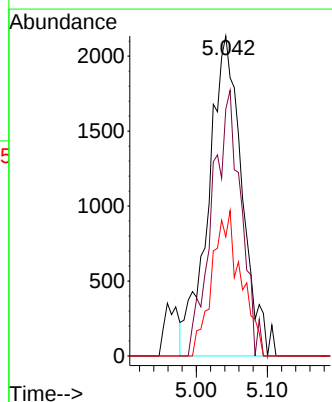
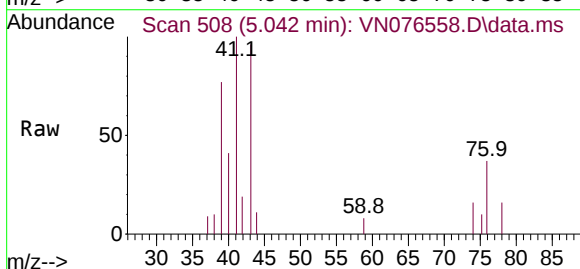
Manual Integrations
APPROVED

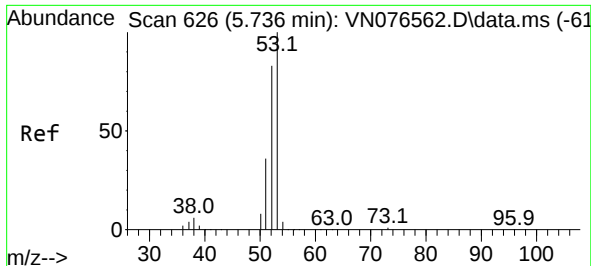
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#14
Allyl chloride
Concen: 0.970 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

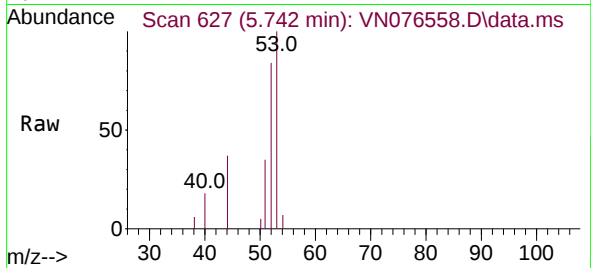
Tgt Ion: 41 Resp: 7016
Ion Ratio Lower Upper
41 100
39 71.4 55.8 83.6
76 39.2 36.8 55.2





#15
Acrylonitrile
Concen: 5.227 ug/l
RT: 5.742 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

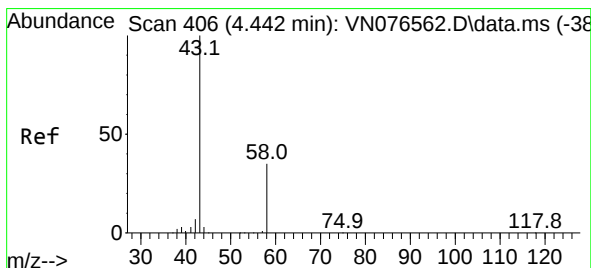
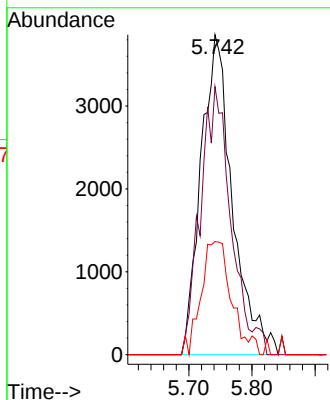
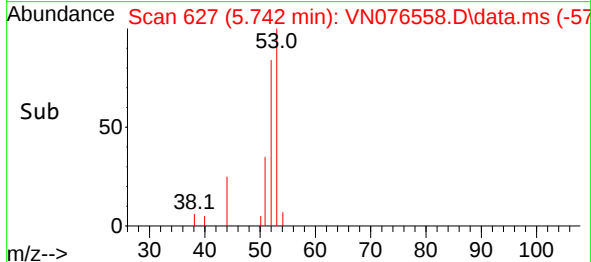
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



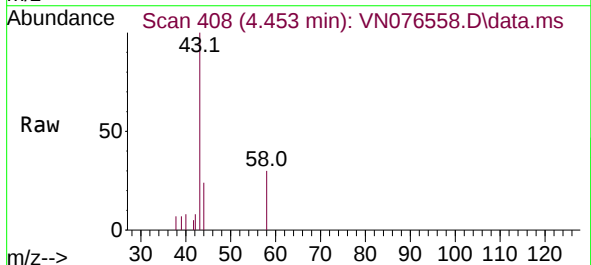
Tgt Ion: 53	Resp: 1339
Ion Ratio	Lower Upper
53	100
52	79.1 64.6 96.8
51	34.3 27.9 41.9

Manual Integrations
APPROVED

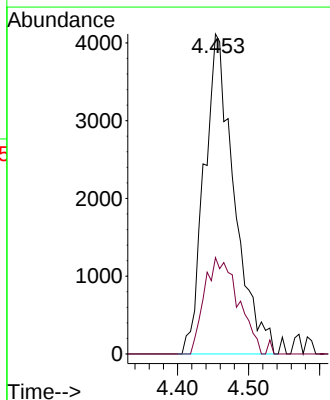
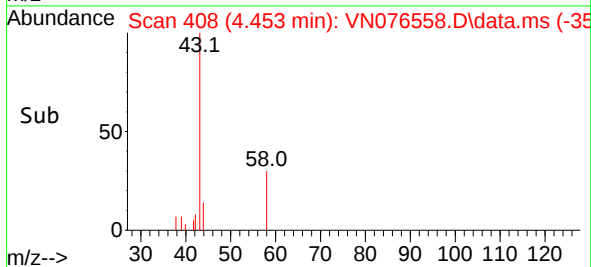
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

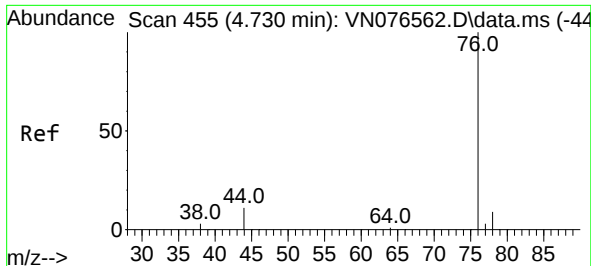


#16
Acetone
Concen: 5.594 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43



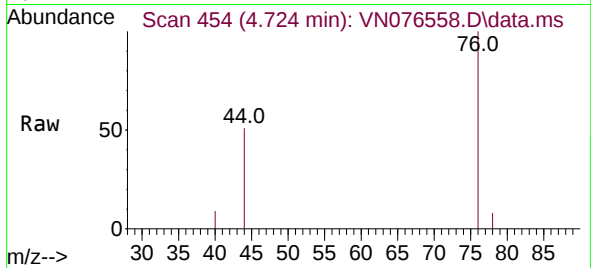
Tgt Ion: 43	Resp: 12092
Ion Ratio	Lower Upper
43	100
58	30.1 28.4 42.6





#17
Carbon Disulfide
Concen: 1.015 ug/l
RT: 4.724 min Scan# 455
Delta R.T. -0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

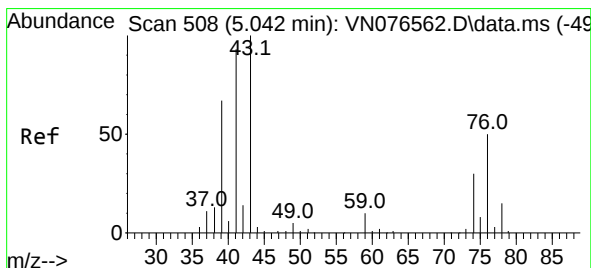
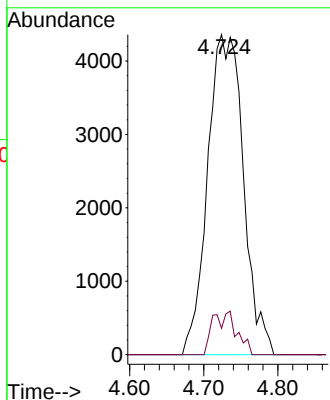
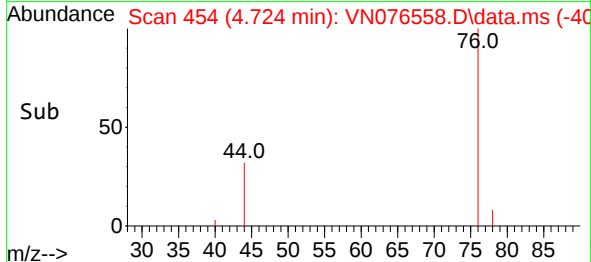
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 76 Resp: 14604
Ion Ratio Lower Upper
76 100
78 8.2 7.6 11.4

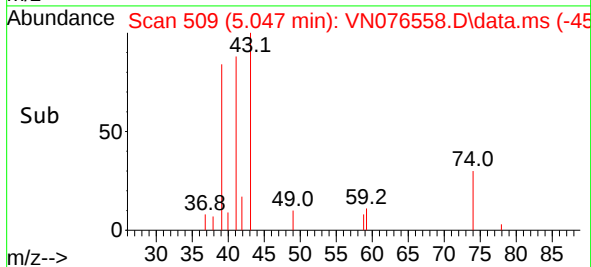
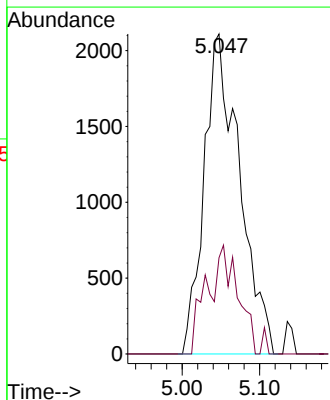
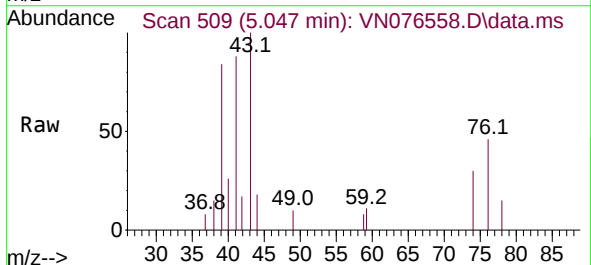
Manual Integrations
APPROVED

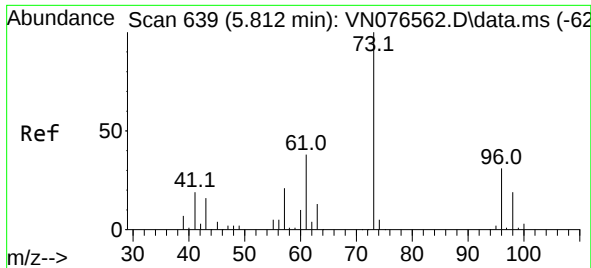
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#18
Methyl Acetate
Concen: 0.980 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Tgt Ion: 43 Resp: 6704
Ion Ratio Lower Upper
43 100
74 19.3 23.9 35.9#





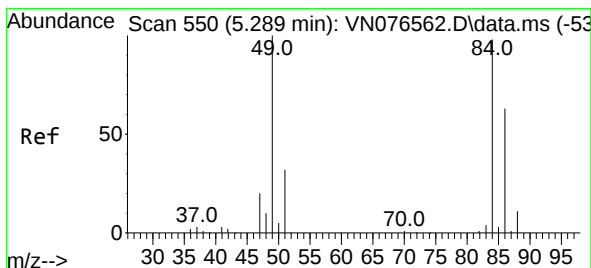
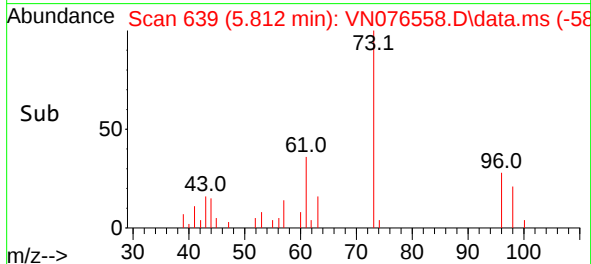
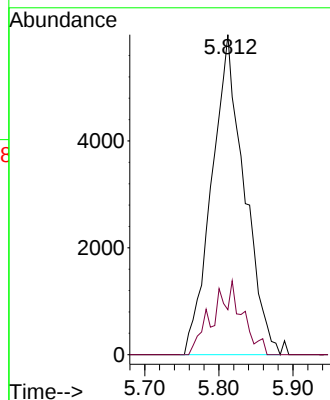
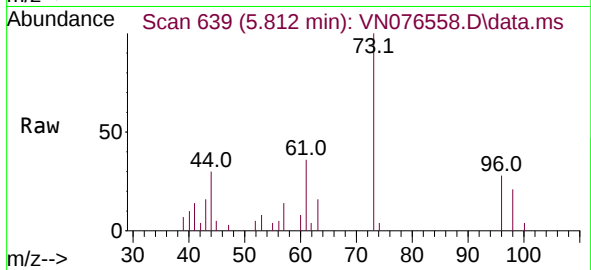
#19
Methyl tert-butyl Ether
Concen: 0.987 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 1824
Ion Ratio Lower Upper
73 100
57 14.1 17.0 25.6

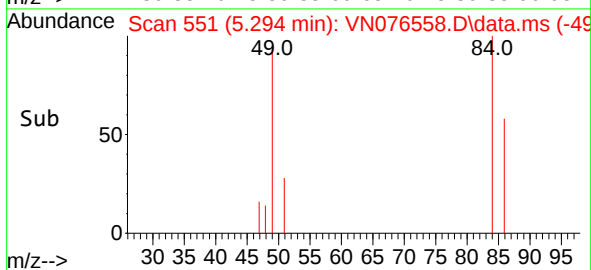
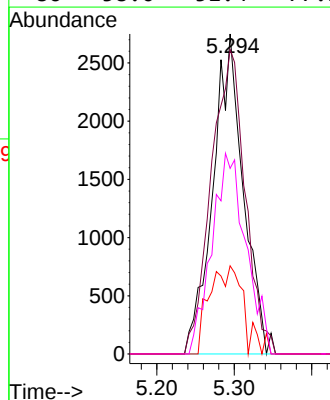
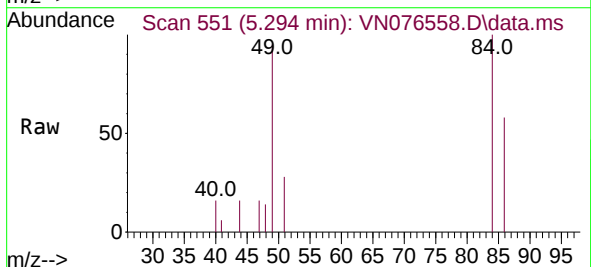
Manual Integrations
APPROVED

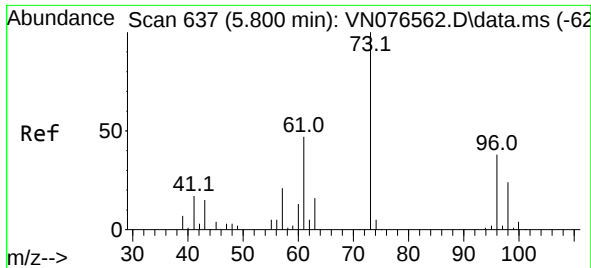
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#20
Methylene Chloride
Concen: 1.126 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

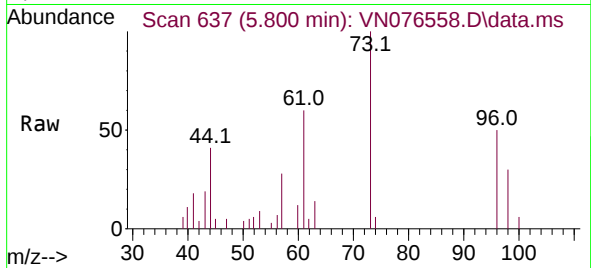
Tgt Ion: 84 Resp: 7503
Ion Ratio Lower Upper
84 100
49 95.1 82.0 123.0
51 27.6 26.0 39.0
86 58.0 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 1.041 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

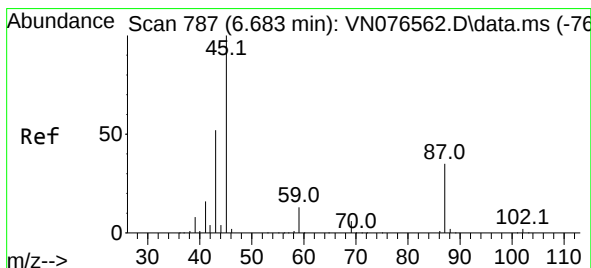
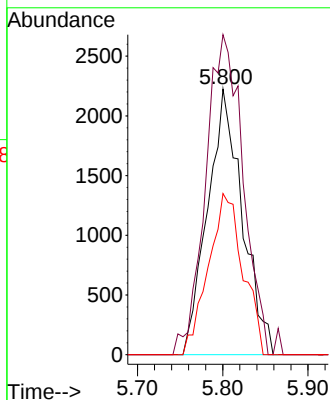
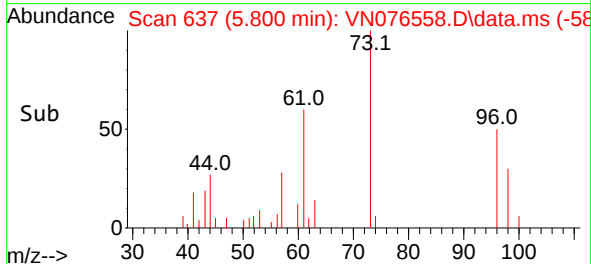
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



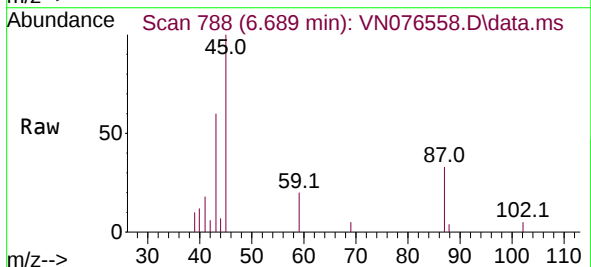
Tgt Ion: 96 Resp: 628
Ion Ratio Lower Upper
96 100
61 112.6 98.9 148.3
98 60.6 49.4 74.2

Manual Integrations
APPROVED

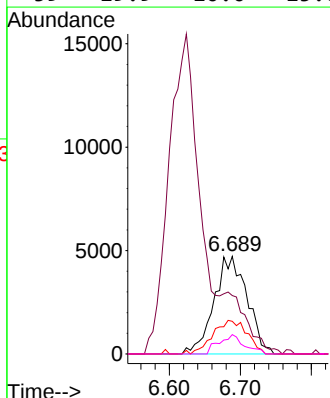
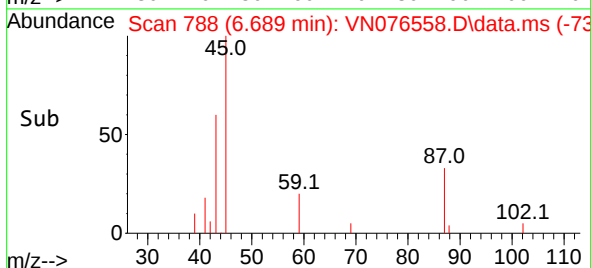
Reviewed By :John Carbone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

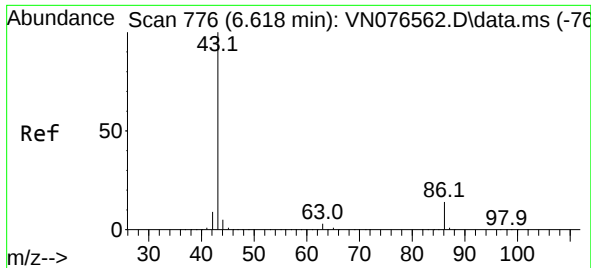


#22
Diisopropyl ether
Concen: 0.929 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43



Tgt Ion: 45 Resp: 15226
Ion Ratio Lower Upper
45 100
43 55.9 41.4 62.2
87 33.5 28.2 42.4
59 19.9 10.0 15.0#





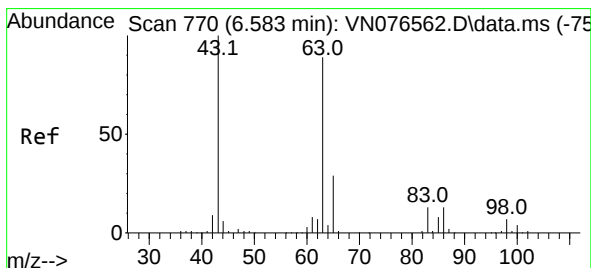
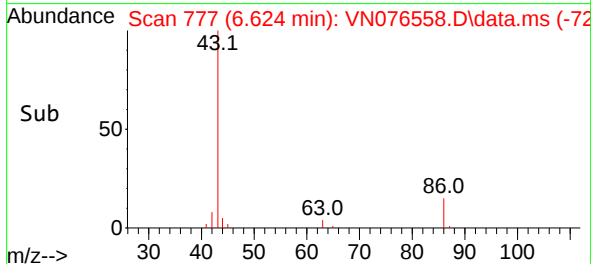
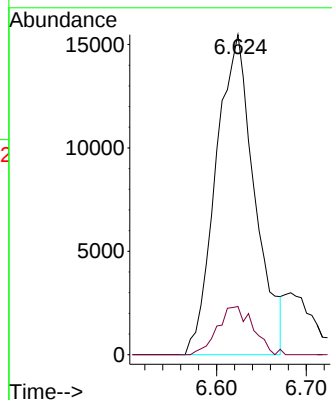
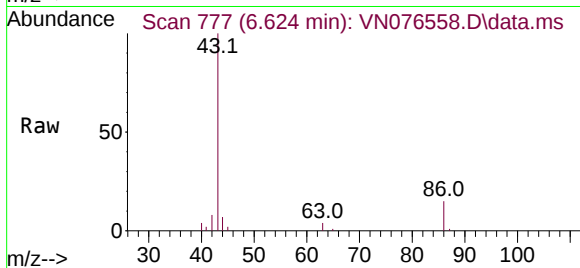
#23
 Vinyl Acetate
 Concen: 4.498 ug/l
 RT: 6.624 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN076558.D
 Acq: 07 Feb 2023 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 4629
 Ion Ratio Lower Upper
 43 100
 86 15.1 11.3 16.9

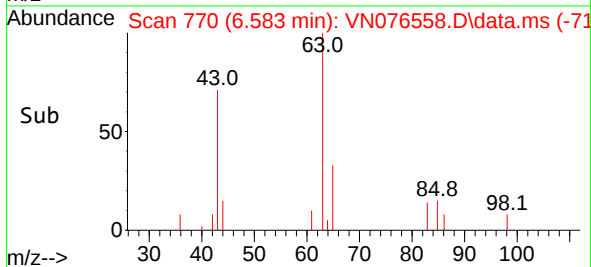
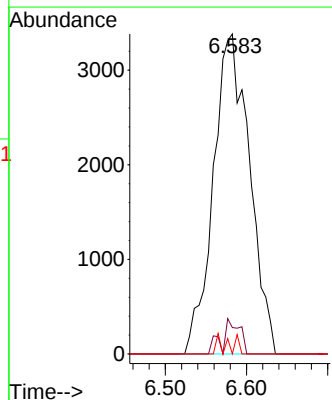
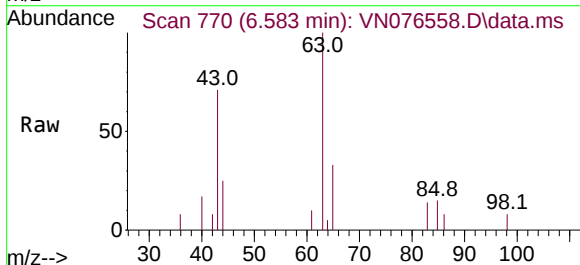
Manual Integrations
 APPROVED

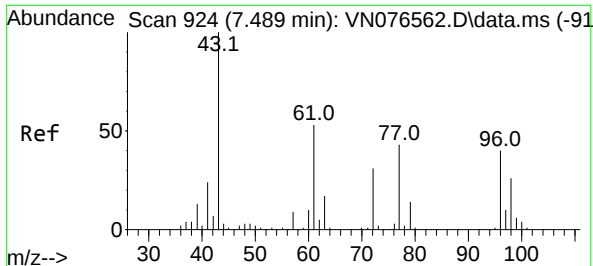
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#24
 1,1-Dichloroethane
 Concen: 0.997 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076558.D
 Acq: 07 Feb 2023 11:43

Tgt Ion: 63 Resp: 10495
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.8 11.4
 100 0.0 2.5 7.4#





#25

2-Butanone

Concen: 5.079 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN076558.D

Acq: 07 Feb 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 1578

Ion Ratio Lower Upper

43 100

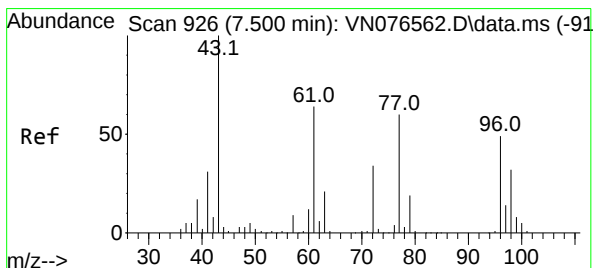
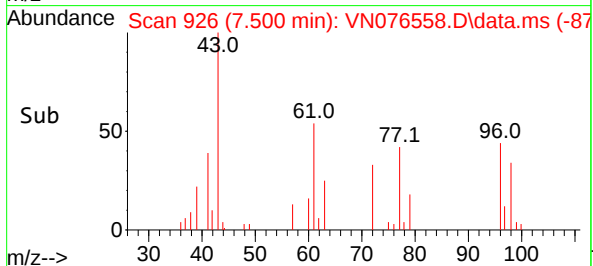
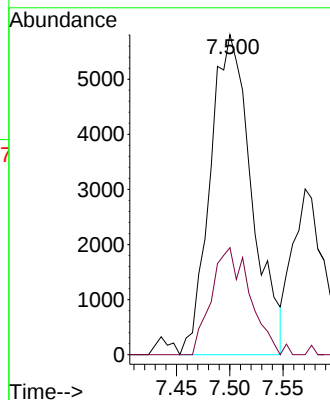
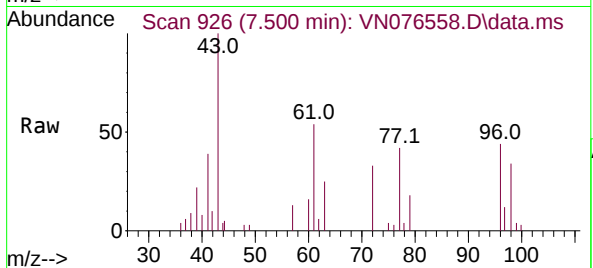
72 33.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#26

2,2-Dichloropropane

Concen: 1.010 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN076558.D

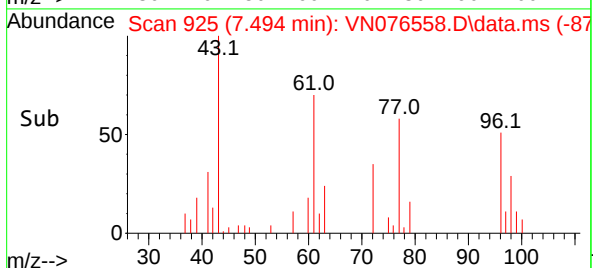
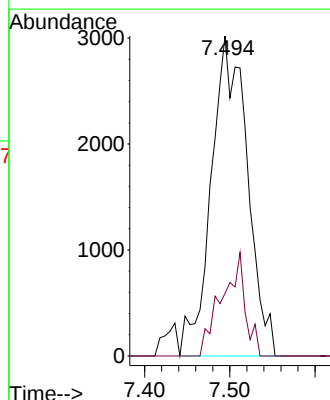
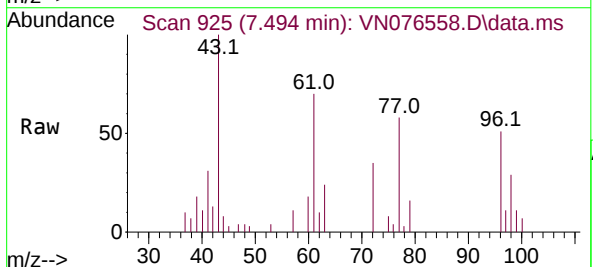
Acq: 07 Feb 2023 11:43

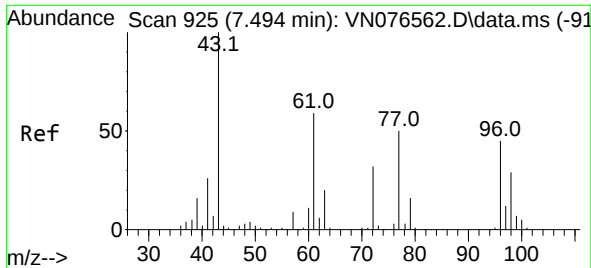
Tgt Ion: 77 Resp: 8881

Ion Ratio Lower Upper

77 100

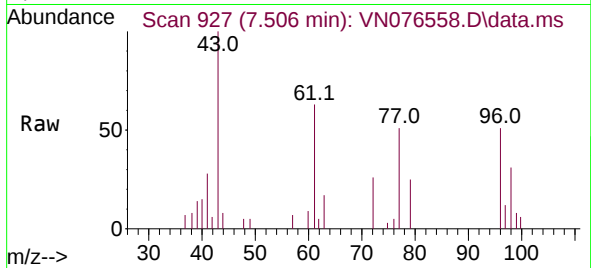
97 21.1 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 1.019 ug/l
 RT: 7.506 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VN076558.D
 Acq: 07 Feb 2023 11:43

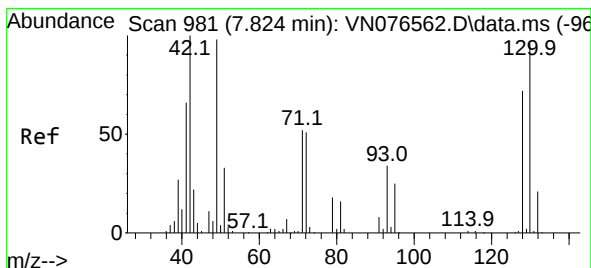
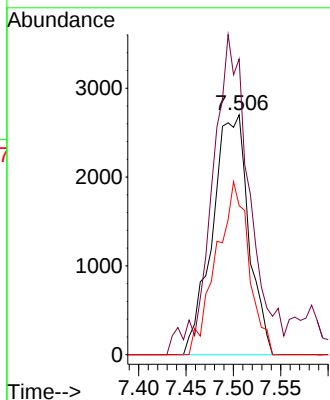
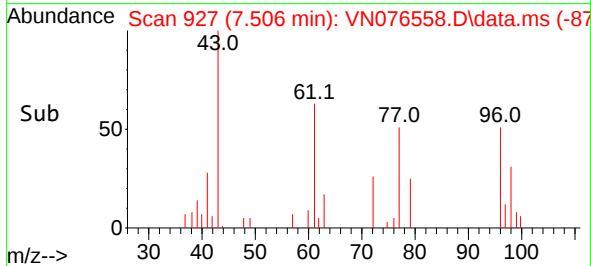
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 96 Resp: 719
 Ion Ratio Lower Upper
 96 100
 61 134.0 0.0 262.2
 98 65.1 0.0 128.6

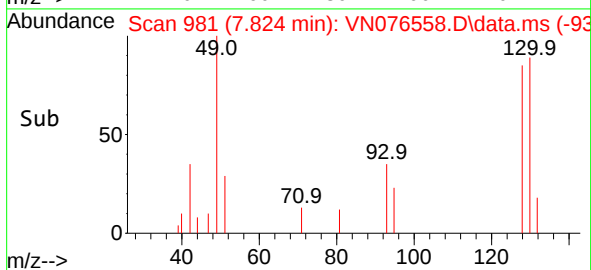
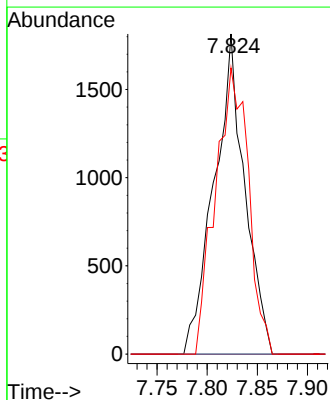
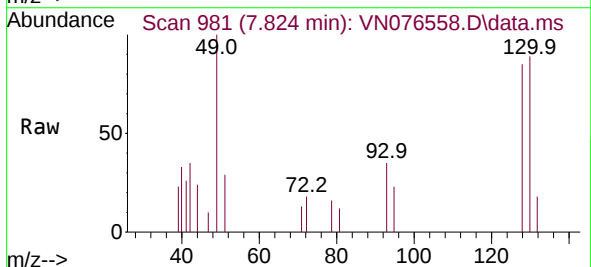
Manual Integrations
 APPROVED

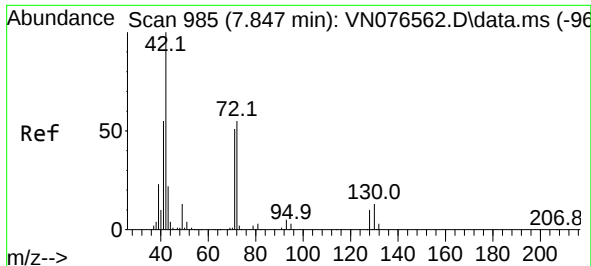
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#28
 Bromochloromethane
 Concen: 0.913 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076558.D
 Acq: 07 Feb 2023 11:43

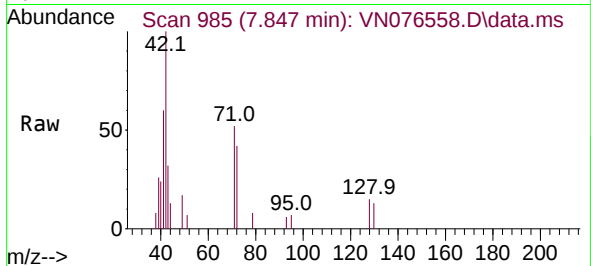
Tgt Ion: 49 Resp: 3851
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 96.1 74.3 111.5





#29
Tetrahydrofuran
Concen: 4.963 ug/l
RT: 7.847 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

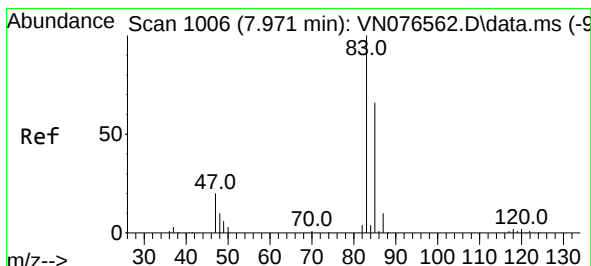
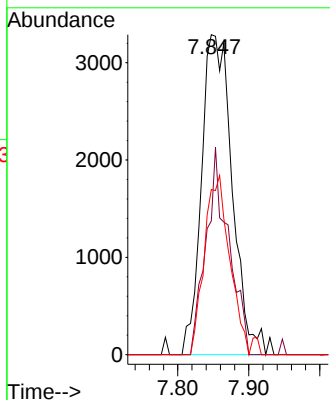
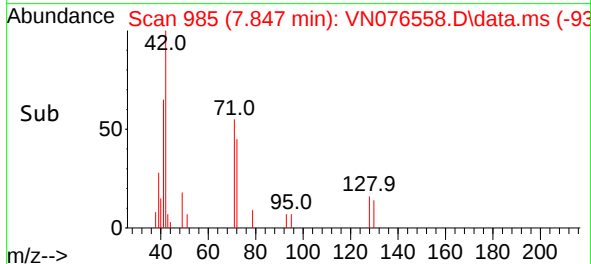
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



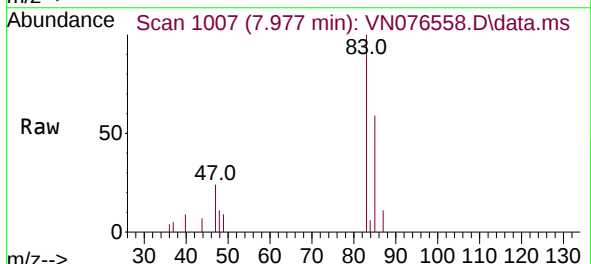
Tgt Ion: 42 Resp: 991
Ion Ratio Lower Upper
42 100
72 47.5 42.9 64.3
71 45.7 39.9 59.9

Manual Integrations
APPROVED

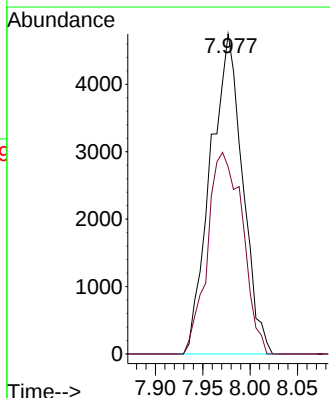
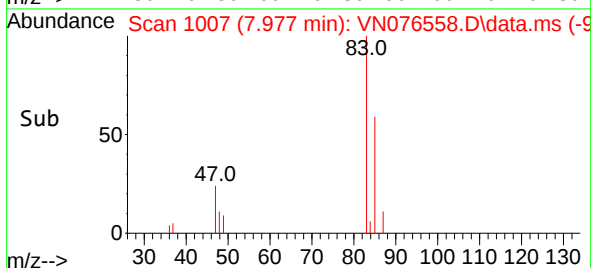
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

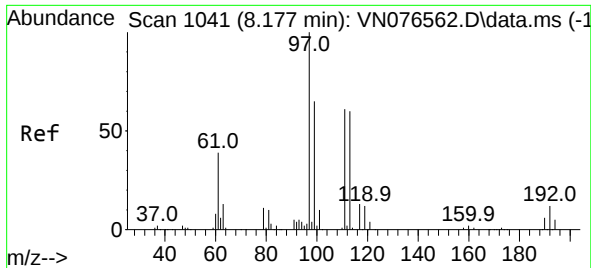


#30
Chloroform
Concen: 0.982 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43



Tgt Ion: 83 Resp: 11223
Ion Ratio Lower Upper
83 100
85 58.5 52.5 78.7





#32

1,1,1-Trichloroethane

Concen: 0.981 ug/l

RT: 8.183 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076558.D

Acq: 07 Feb 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 1004

Ion Ratio Lower Upper

97 100

99 0.0 53.5 80.3

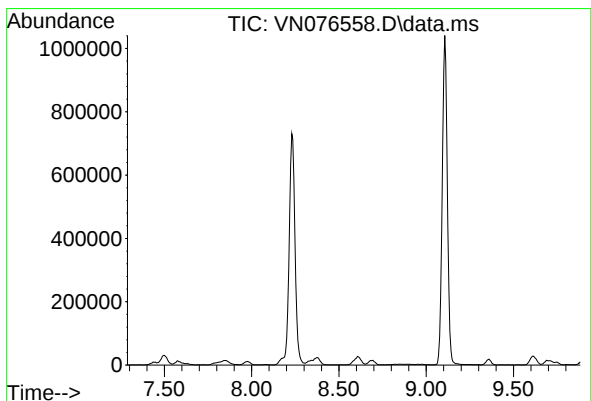
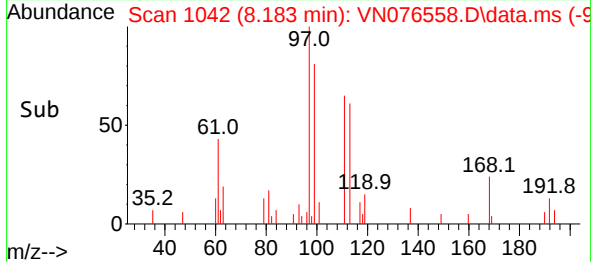
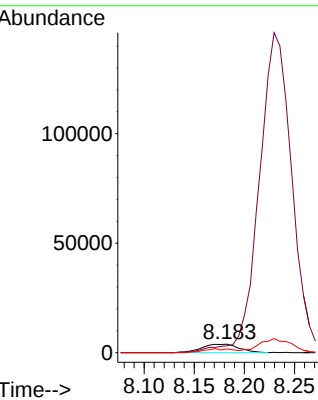
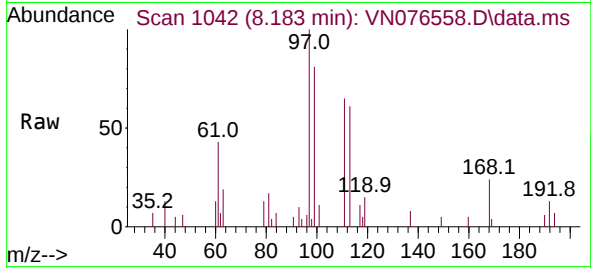
61 35.9 33.6 50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.58 min

Lab File: VN076558.D

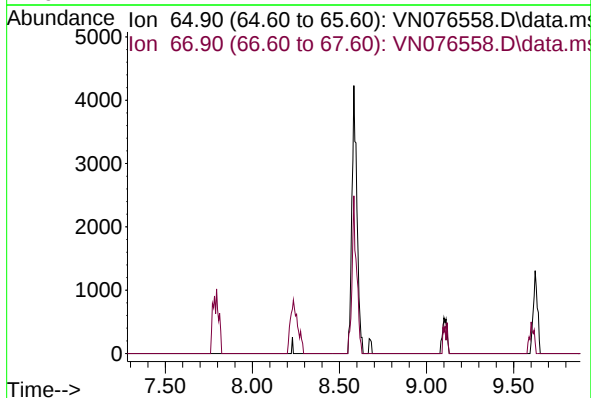
Acq: 07 Feb 2023 11:43

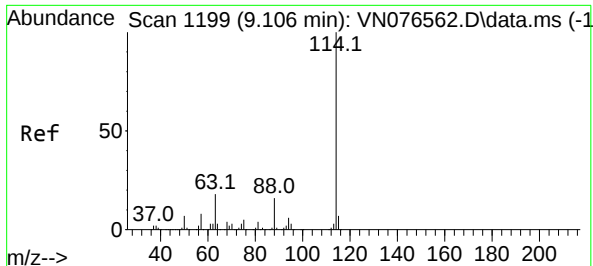
Tgt Ion: 65

Sig Exp Ratio

65 100

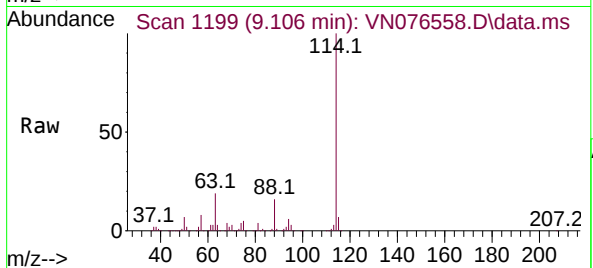
67 52.7





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

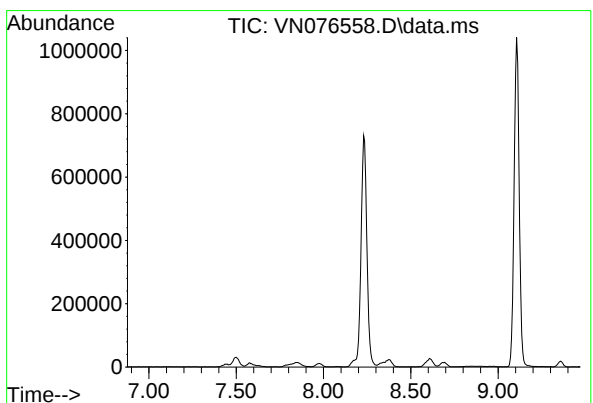
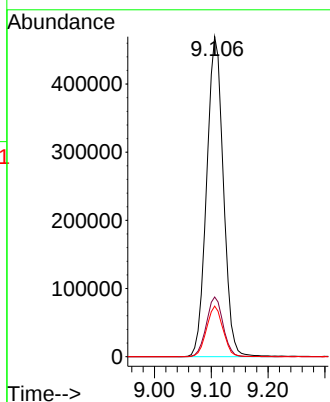
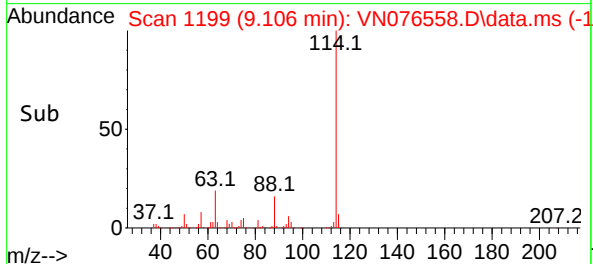
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 114 Resp: 95539
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.6
88 15.8 0.0 32.0

Manual Integrations
APPROVED

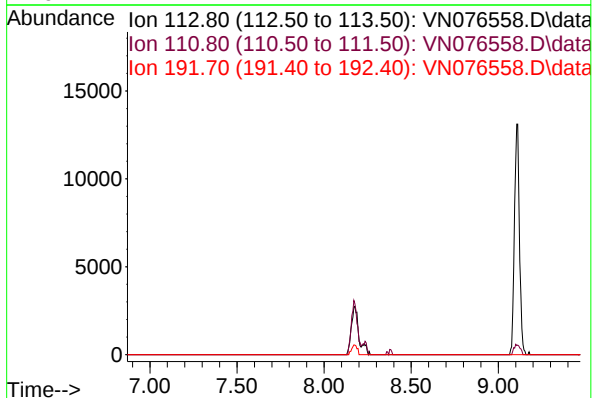
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

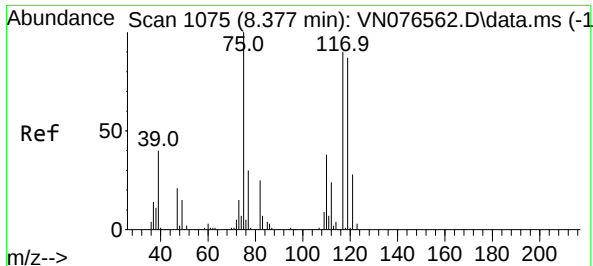


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.17 min

Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Tgt Ion: 113
Sig Exp Ratio
113 100
111 102.5
192 18.5





#36

1,1-Dichloropropene

Concen: 1.021 ug/l

RT: 8.383 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN076558.D

Acq: 07 Feb 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

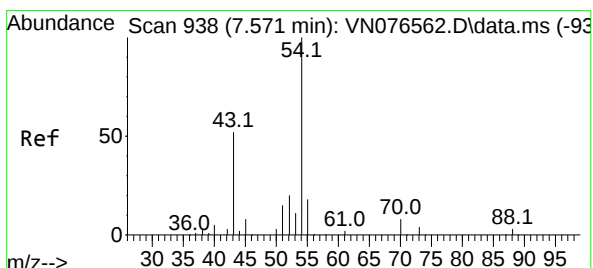
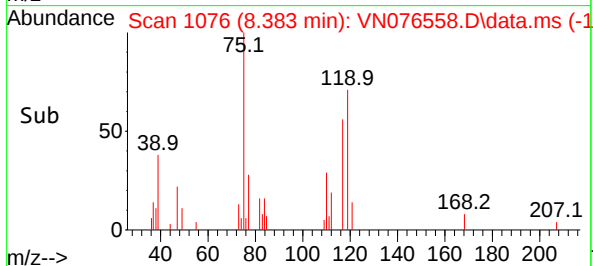
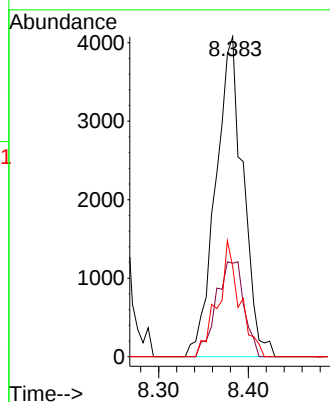
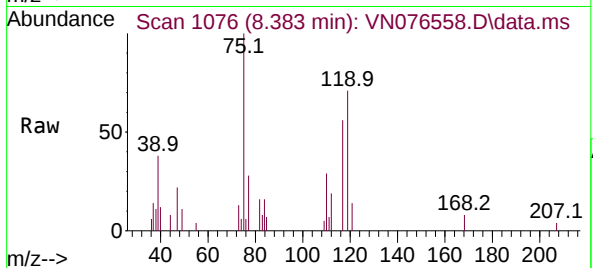
Tgt Ion:	75	Resp:	865
Ion	Ratio	Lower	Upper
75	100		
110	30.2	18.6	55.6
77	28.9	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#37

Ethyl Acetate

Concen: 0.920 ug/l

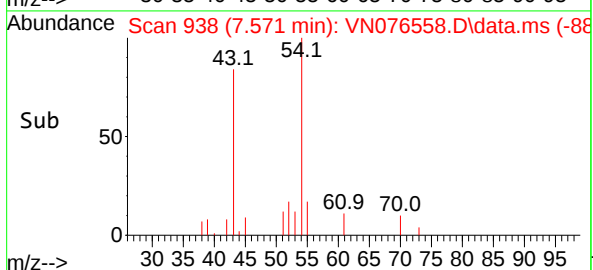
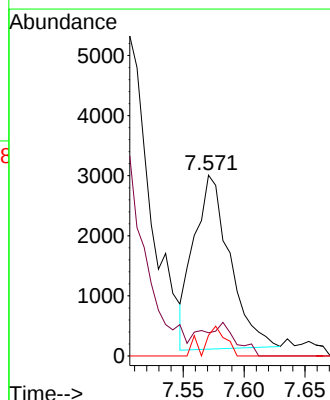
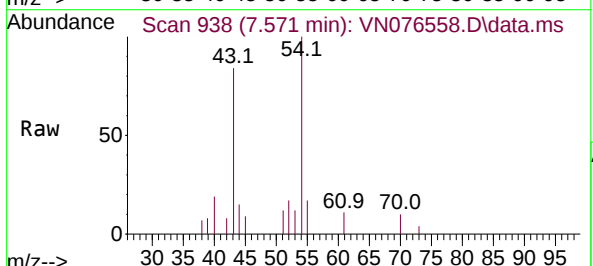
RT: 7.571 min Scan# 938

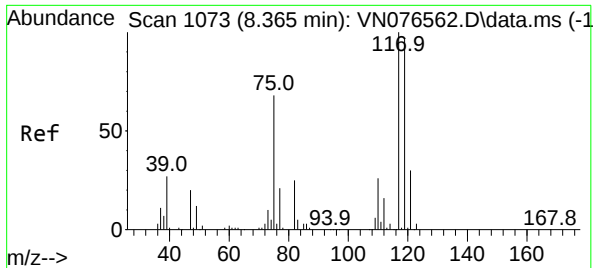
Delta R.T. -0.000 min

Lab File: VN076558.D

Acq: 07 Feb 2023 11:43

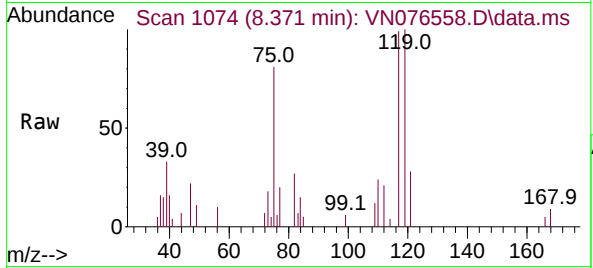
Tgt Ion:	43	Resp:	5938
Ion	Ratio	Lower	Upper
43	100		
61	16.2	11.8	17.6
70	10.3	10.4	15.6





#38
Carbon Tetrachloride
Concen: 0.971 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

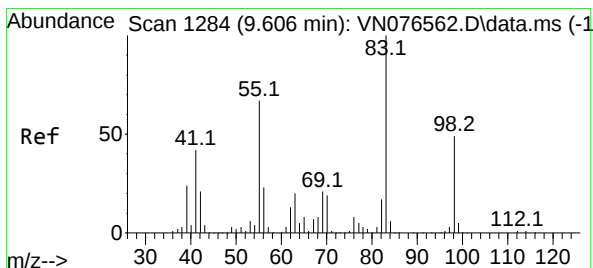
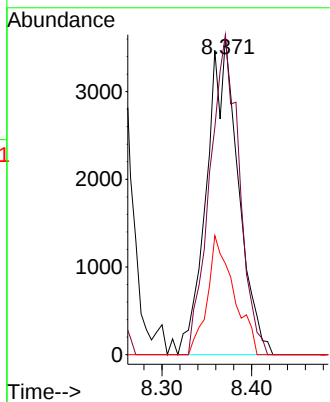
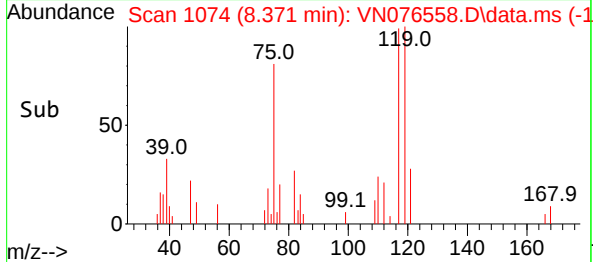
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 117 Resp: 885
Ion Ratio Lower Upper
117 100
119 101.0 77.2 115.8
121 28.7 23.9 35.9

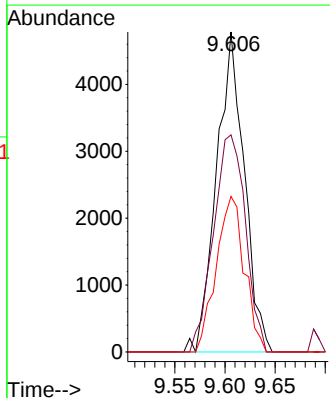
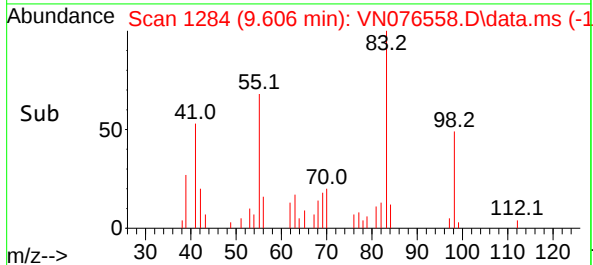
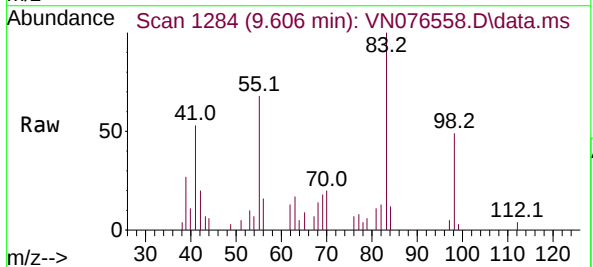
Manual Integrations
APPROVED

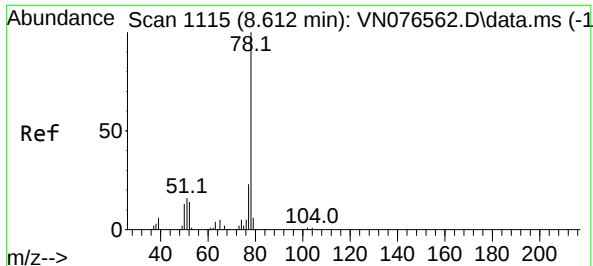
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#39
Methylcyclohexane
Concen: 0.874 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

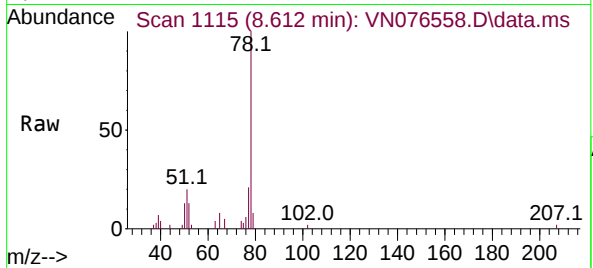
Tgt Ion: 83 Resp: 9199
Ion Ratio Lower Upper
83 100
55 67.8 53.8 80.6
98 48.6 39.0 58.6





#40
Benzene
Concen: 0.956 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

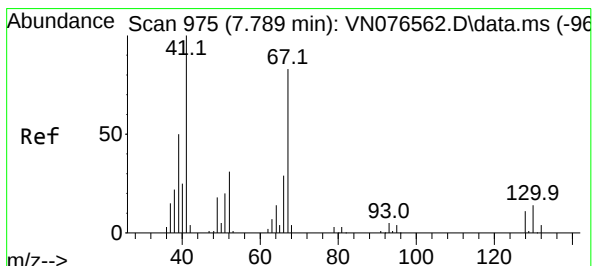
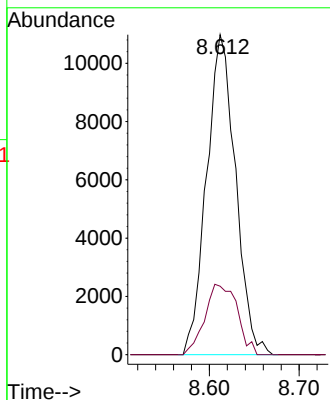
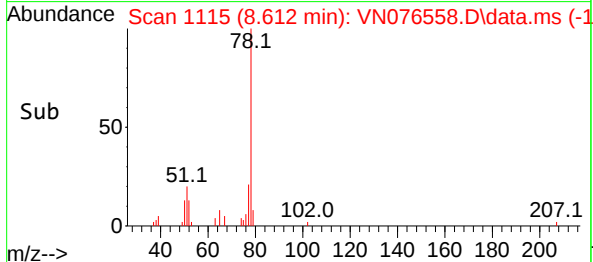
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 78 Resp: 2458
Ion Ratio Lower Upper
78 100
77 21.4 18.6 27.8

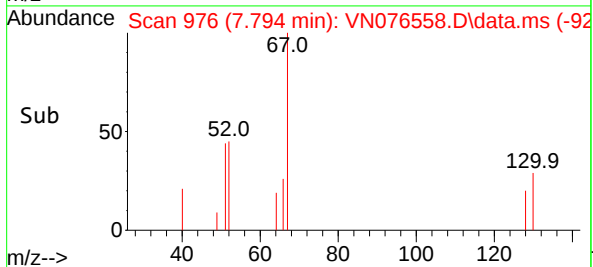
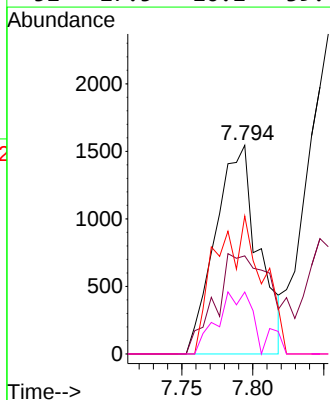
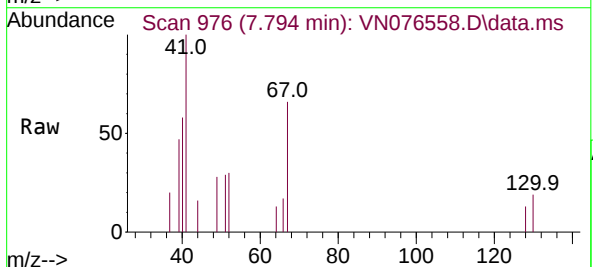
Manual Integrations
APPROVED

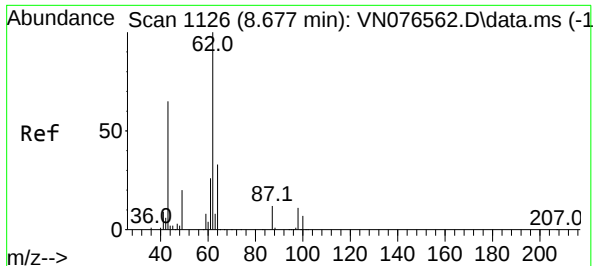
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#41
Methacrylonitrile
Concen: 0.909 ug/l
RT: 7.794 min Scan# 976
Delta R.T. 0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Tgt Ion: 41 Resp: 3269
Ion Ratio Lower Upper
41 100
39 66.0 41.3 61.9#
67 36.5 69.6 104.4#
52 27.5 26.2 39.4





#42

1,2-Dichloroethane

Concen: 1.026 ug/l

RT: 8.677 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN076558.D

Acq: 07 Feb 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

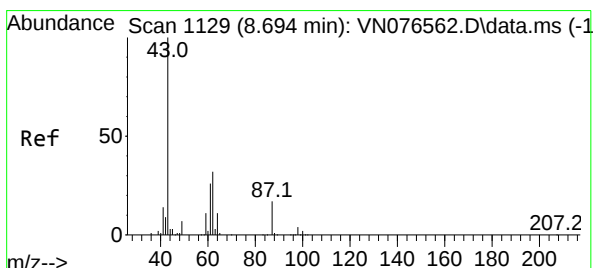
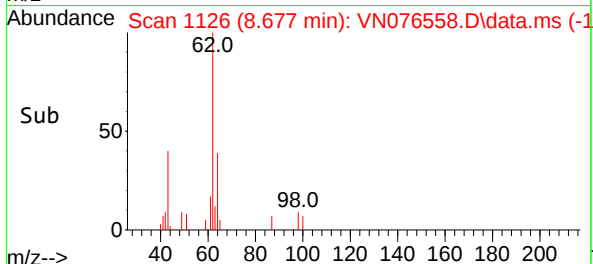
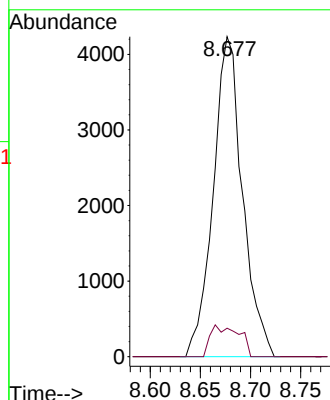
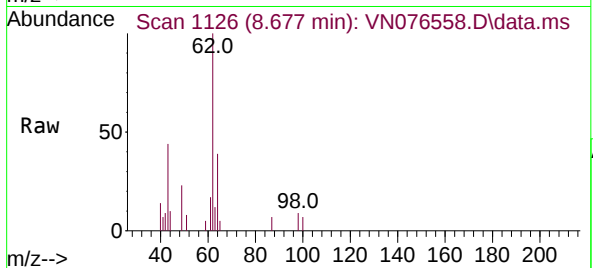
Tgt Ion: 62 Resp: 858
 Ion Ratio Lower Upper
 62 100
 98 9.6 0.0 21.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#43

Isopropyl Acetate

Concen: 0.953 ug/l

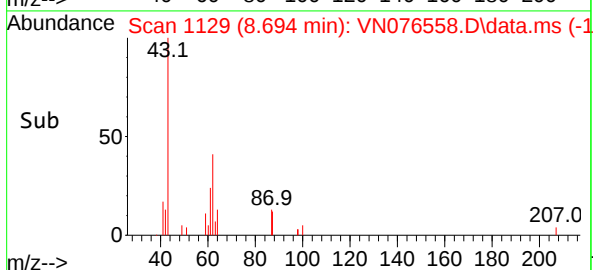
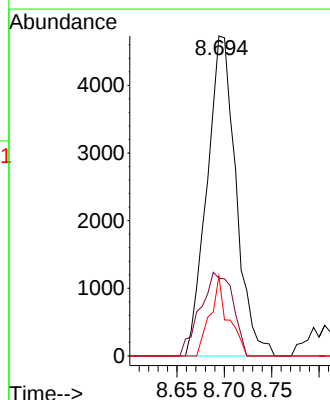
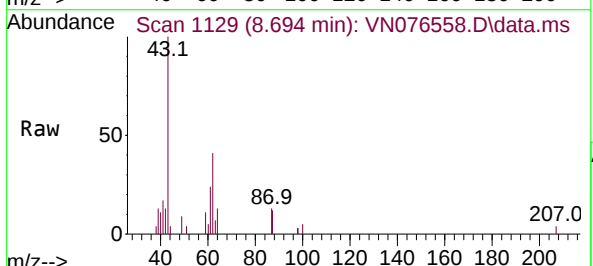
RT: 8.694 min Scan# 1129

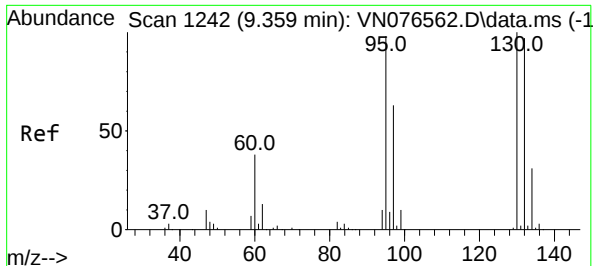
Delta R.T. -0.000 min

Lab File: VN076558.D

Acq: 07 Feb 2023 11:43

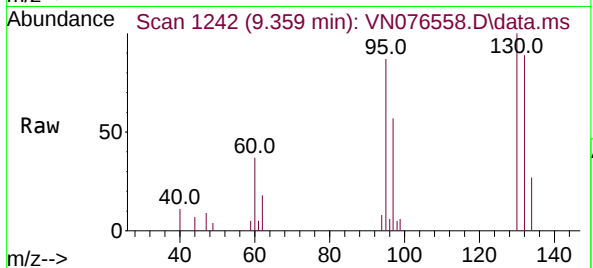
Tgt Ion: 43 Resp: 10077
 Ion Ratio Lower Upper
 43 100
 61 29.2 24.5 36.7
 87 15.4 13.6 20.4





#44
 Trichloroethene
 Concen: 1.012 ug/l
 RT: 9.359 min Scan# 1242
 Delta R.T. -0.000 min
 Lab File: VN076558.D
 Acq: 07 Feb 2023 11:43

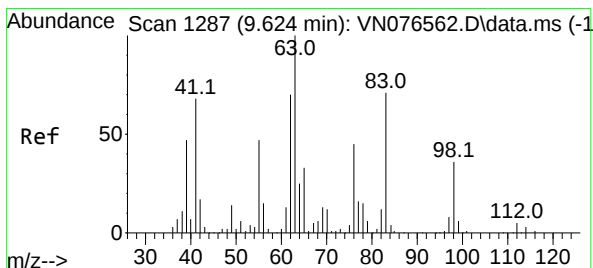
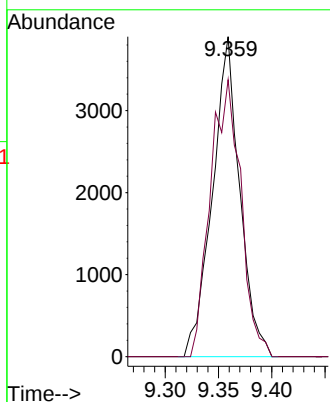
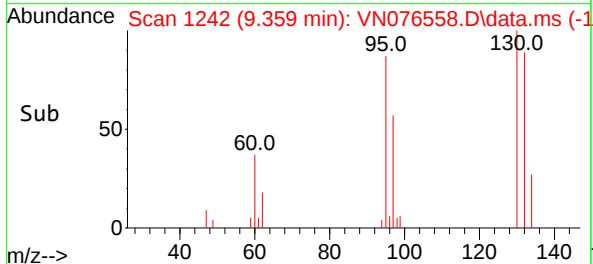
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



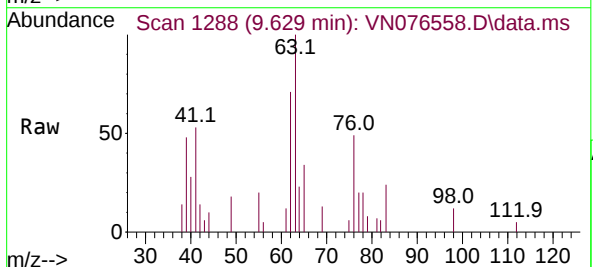
Tgt Ion:130 Resp: 6944
 Ion Ratio Lower Upper
 130 100
 95 86.5 0.0 196.0

Manual Integrations
 APPROVED

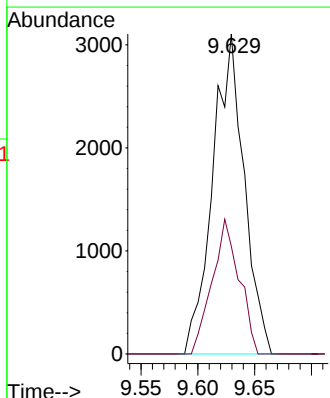
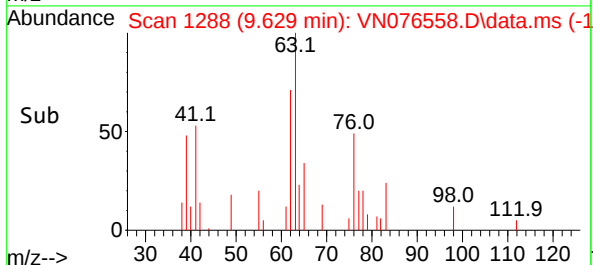
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

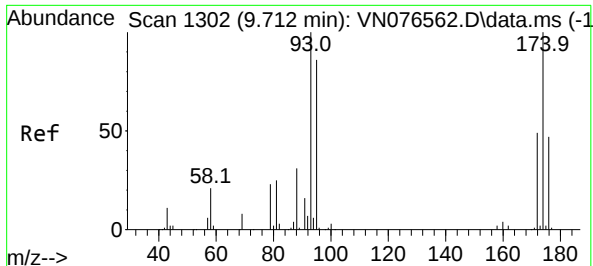


#45
 1,2-Dichloropropane
 Concen: 0.967 ug/l
 RT: 9.629 min Scan# 1288
 Delta R.T. 0.006 min
 Lab File: VN076558.D
 Acq: 07 Feb 2023 11:43



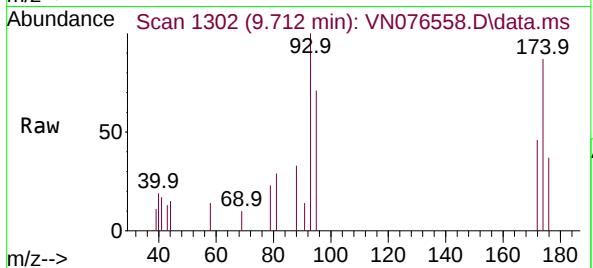
Tgt Ion: 63 Resp: 5969
 Ion Ratio Lower Upper
 63 100
 65 33.7 26.0 39.0





#46
Dibromomethane
Concen: 1.063 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

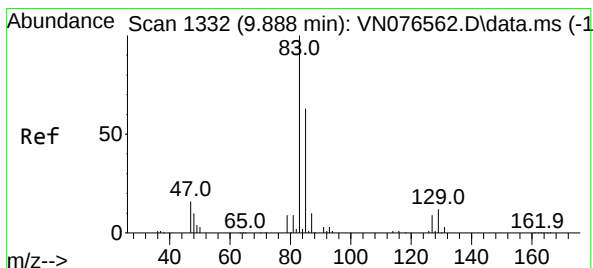
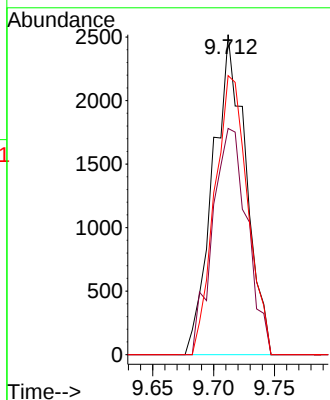
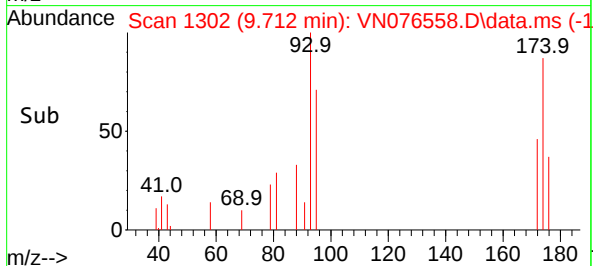
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



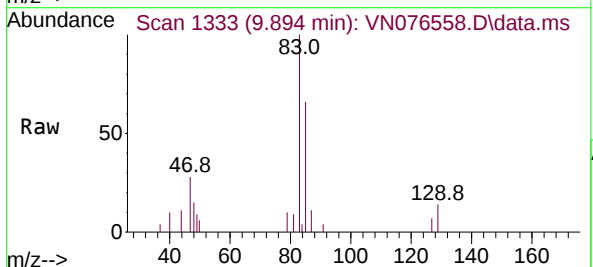
Tgt Ion: 93 Resp: 4730
Ion Ratio Lower Upper
93 100
95 74.5 68.0 102.0
174 87.1 80.9 121.3

Manual Integrations
APPROVED

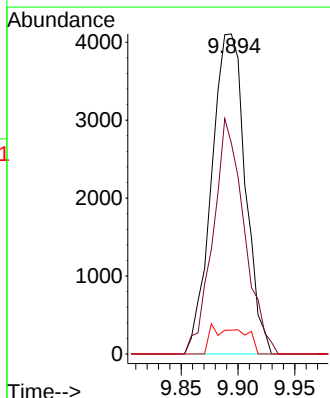
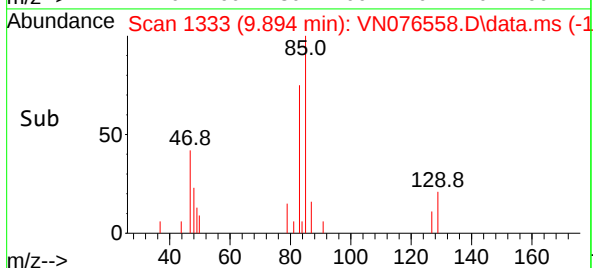
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

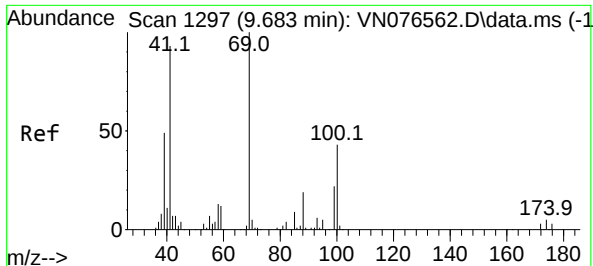


#47
Bromodichloromethane
Concen: 0.948 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43



Tgt Ion: 83 Resp: 8493
Ion Ratio Lower Upper
83 100
85 65.9 50.7 76.1
127 7.5 7.0 10.6





#48

Methyl methacrylate

Concen: 1.007 ug/l

RT: 9.688 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN076558.D

Acq: 07 Feb 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

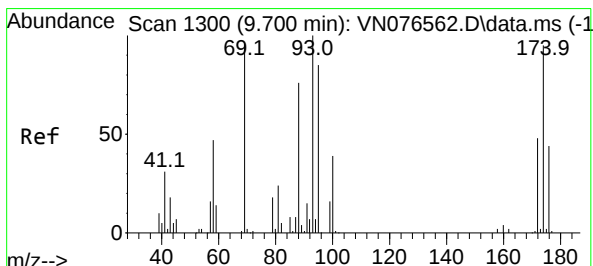
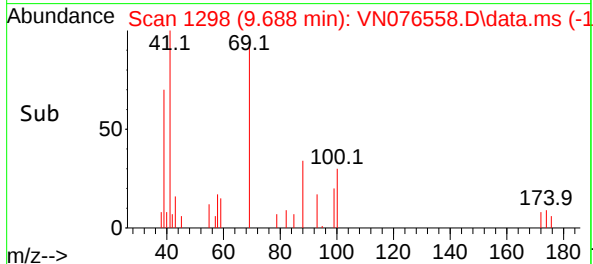
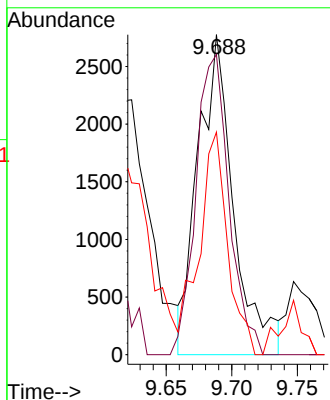
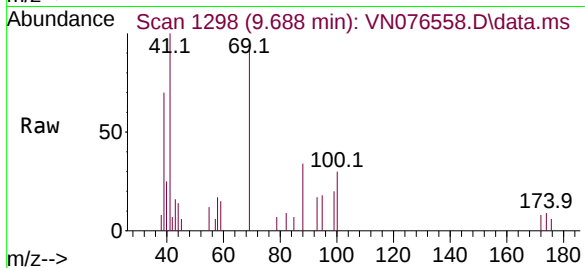
Tgt Ion: 41	Resp: 523
Ion Ratio	Lower Upper
41	100
69	87.8 83.0 124.4
39	55.8 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#49

1,4-Dioxane

Concen: 19.017 ug/l

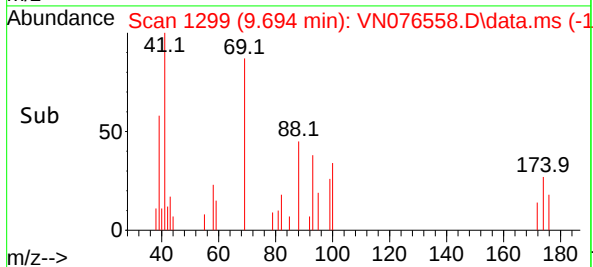
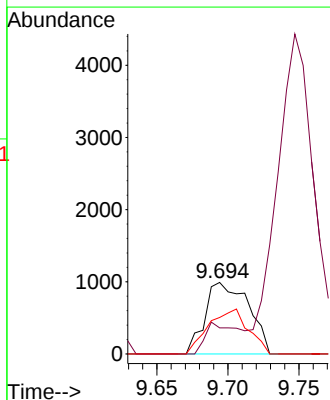
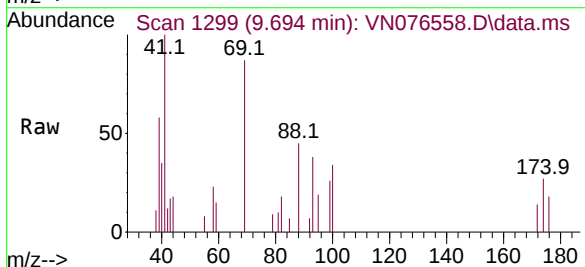
RT: 9.694 min Scan# 1299

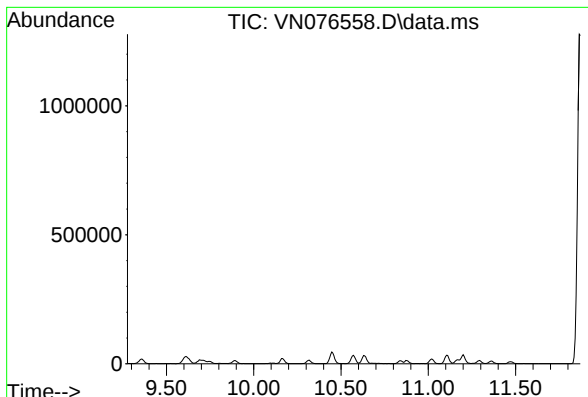
Delta R.T. -0.006 min

Lab File: VN076558.D

Acq: 07 Feb 2023 11:43

Tgt Ion: 88	Resp: 2115
Ion Ratio	Lower Upper
88	100
43	33.8 16.7 25.1#
58	57.1 51.7 77.5





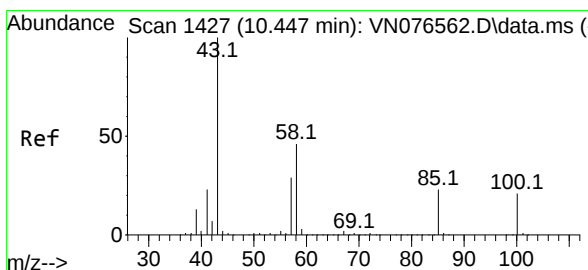
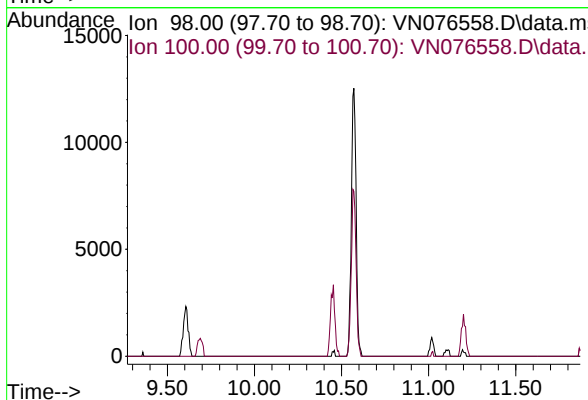
#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.57 min
 Lab File: VN076558.D
 Acq: 07 Feb 2023 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 66.1

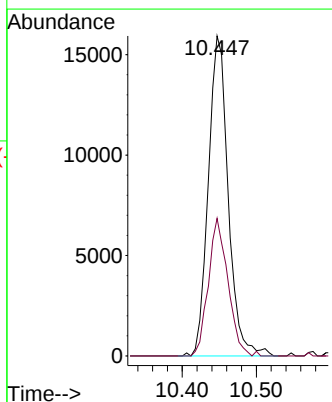
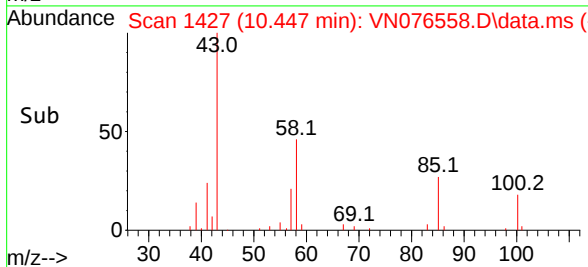
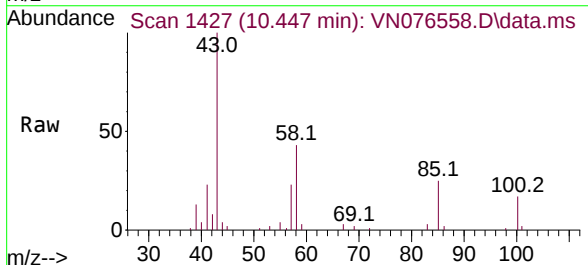
Manual Integrations
 APPROVED

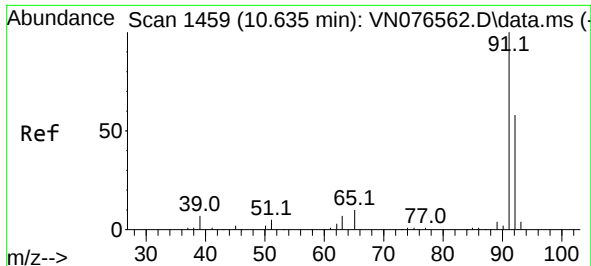
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#51
 4-Methyl-2-Pentanone
 Concen: 4.676 ug/l
 RT: 10.447 min Scan# 1427
 Delta R.T. -0.000 min
 Lab File: VN076558.D
 Acq: 07 Feb 2023 11:43

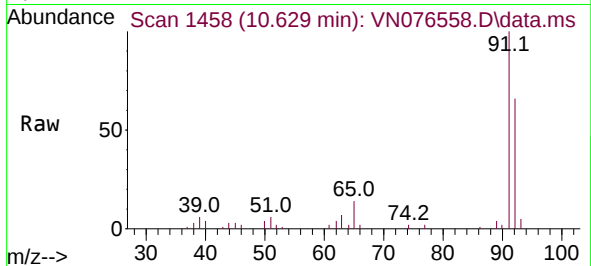
Tgt Ion: 43 Resp: 29708
 Ion Ratio Lower Upper
 43 100
 58 42.1 36.4 54.6





#52
Toluene
Concen: 0.955 ug/l
RT: 10.629 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

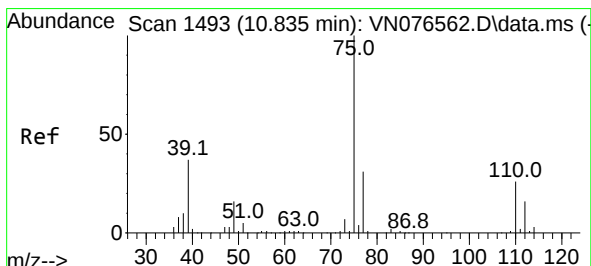
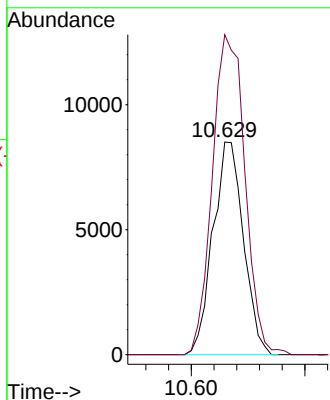
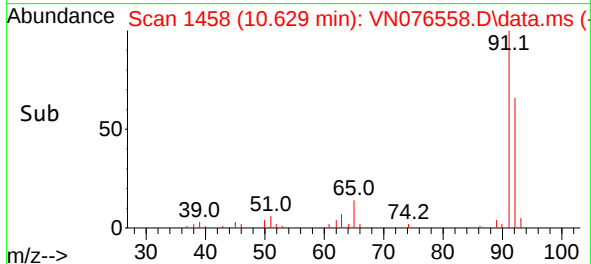
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



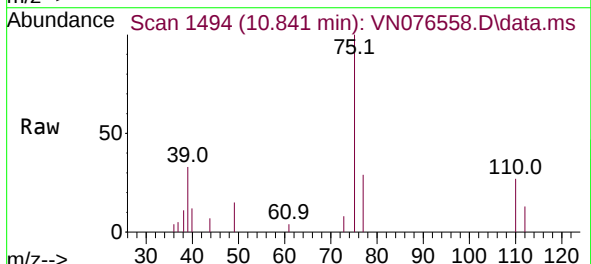
Tgt Ion: 92 Resp: 1584
Ion Ratio Lower Upper
92 100
91 161.0 136.3 204.5

Manual Integrations
APPROVED

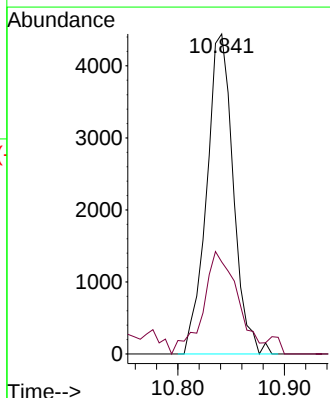
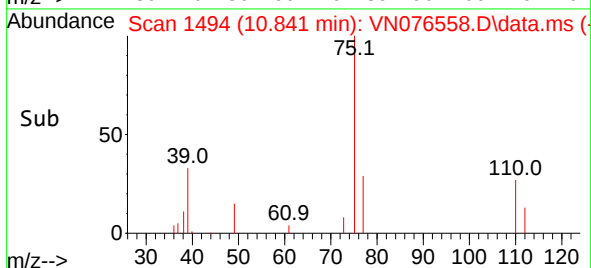
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

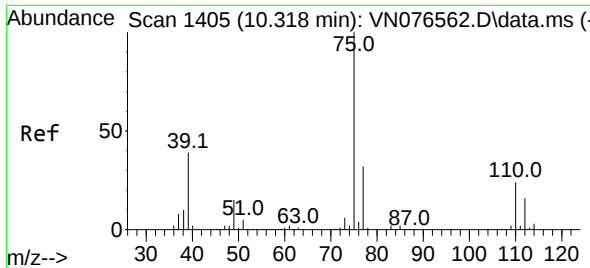


#53
t-1,3-Dichloropropene
Concen: 0.891 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43



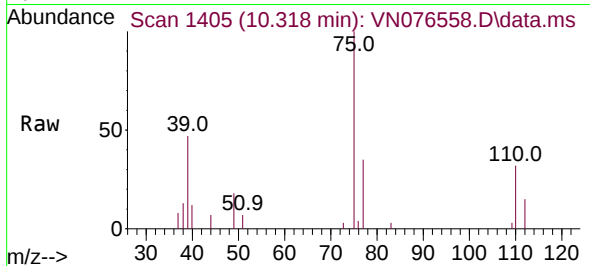
Tgt Ion: 75 Resp: 7714
Ion Ratio Lower Upper
75 100
77 24.6 24.5 36.7





#54
 cis-1,3-Dichloropropene
 Concen: 0.912 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN076558.D
 Acq: 07 Feb 2023 11:43

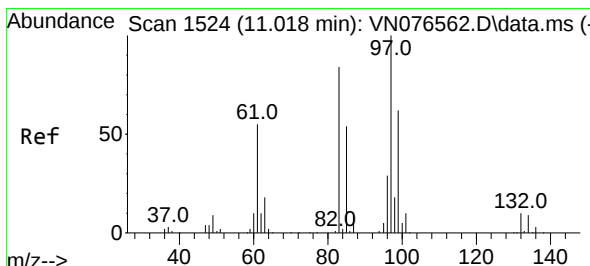
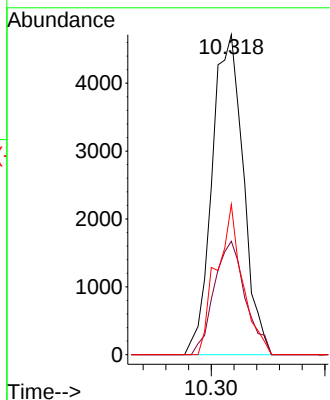
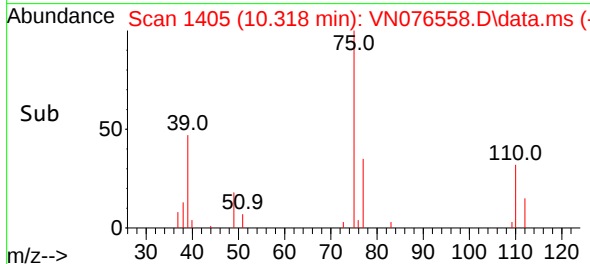
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 8990
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.4 38.0
 39 47.0 31.1 46.7

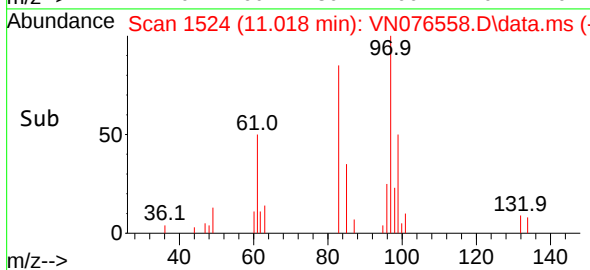
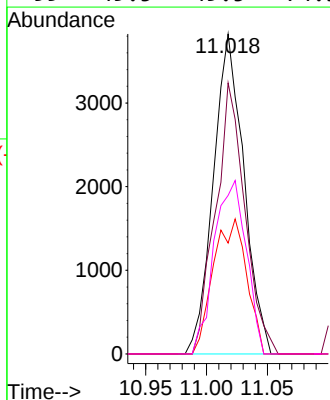
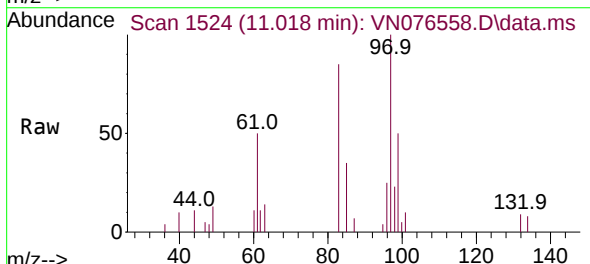
Manual Integrations
 APPROVED

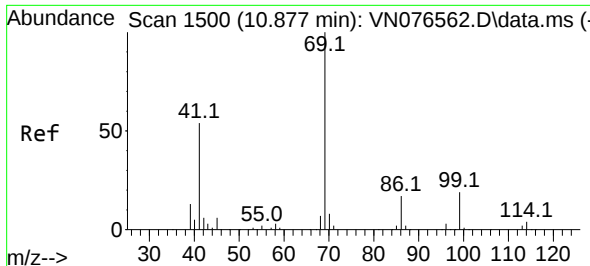
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#55
 1,1,2-Trichloroethane
 Concen: 1.027 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VN076558.D
 Acq: 07 Feb 2023 11:43

Tgt Ion: 97 Resp: 6675
 Ion Ratio Lower Upper
 97 100
 83 84.7 67.5 101.3
 85 34.7 43.0 64.6#
 99 49.5 49.5 74.3





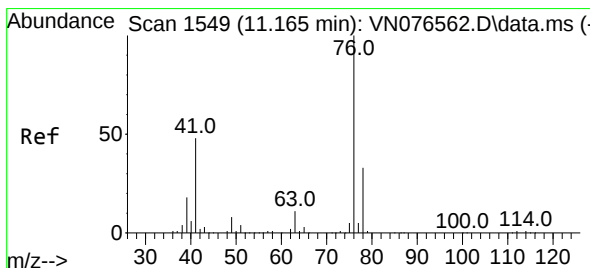
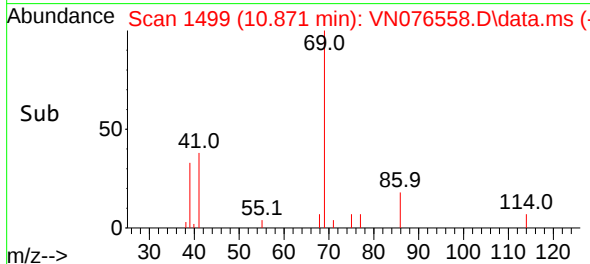
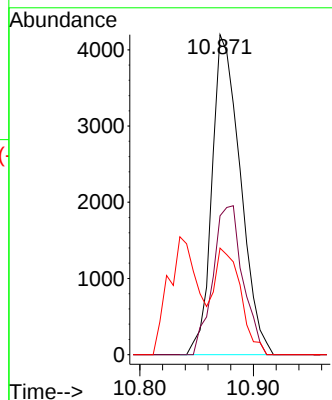
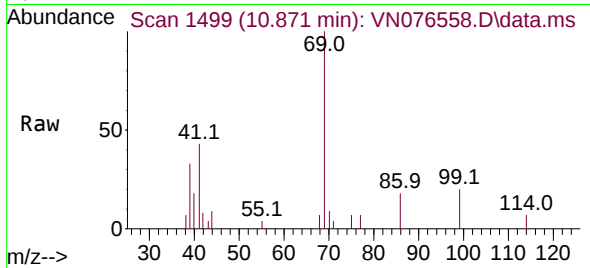
#56
Ethyl methacrylate
Concen: 0.837 ug/l
RT: 10.871 min Scan# 1499
Delta R.T. -0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 7280
Ion Ratio Lower Upper
69 100
41 49.2 43.5 65.3
39 31.0 21.3 31.9

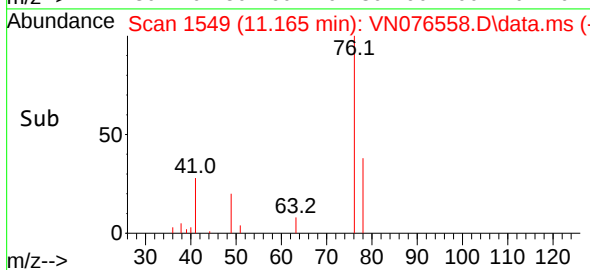
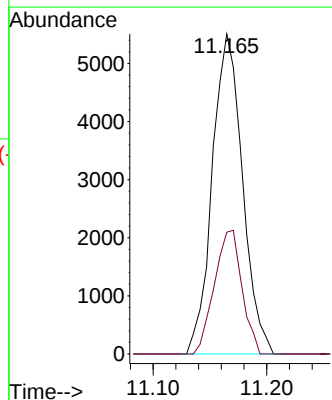
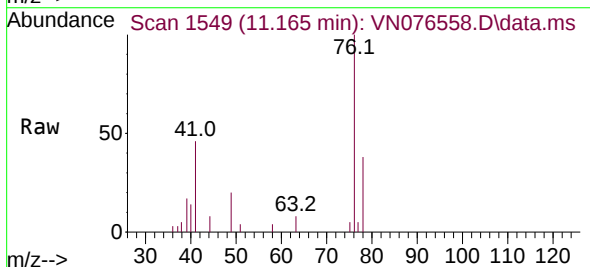
Manual Integrations
APPROVED

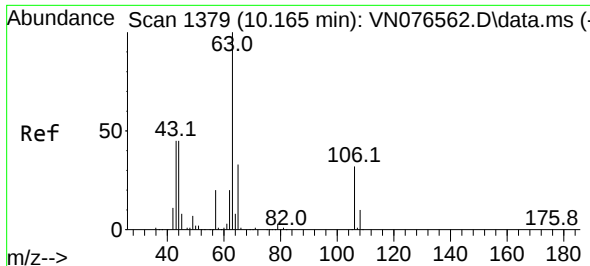
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#57
1,3-Dichloropropane
Concen: 0.968 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

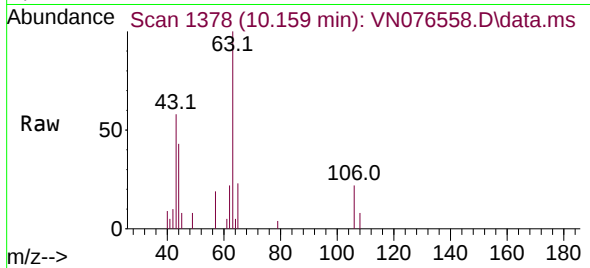
Tgt Ion: 76 Resp: 10179
Ion Ratio Lower Upper
76 100
78 35.2 26.2 39.4





#58
2-Chloroethyl Vinyl ether
Concen: 3.865 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

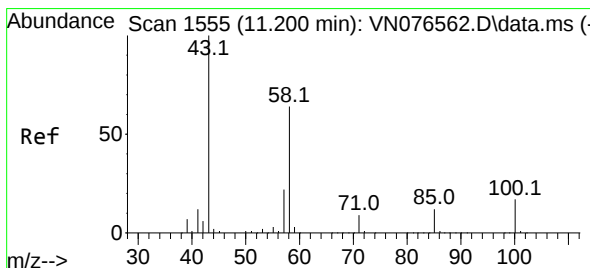
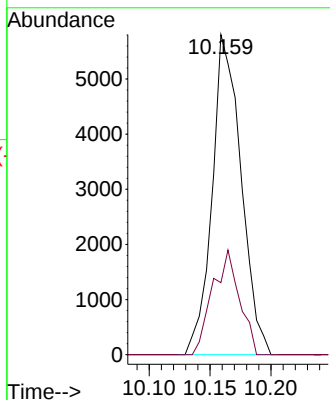
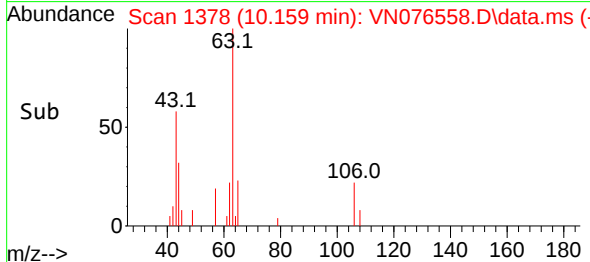
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



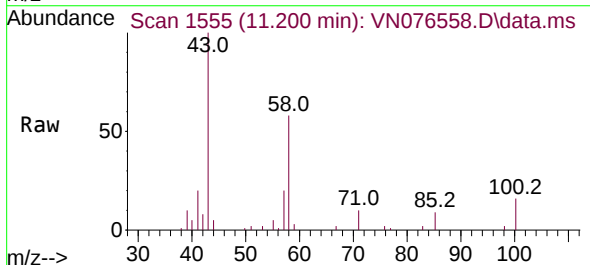
Tgt Ion: 63 Resp: 960
Ion Ratio Lower Upper
63 100
106 30.5 25.6 38.4

Manual Integrations
APPROVED

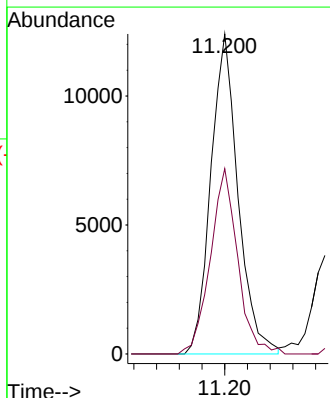
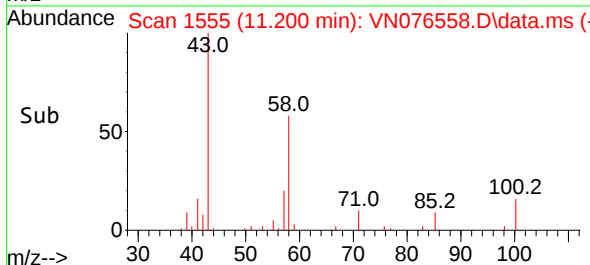
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

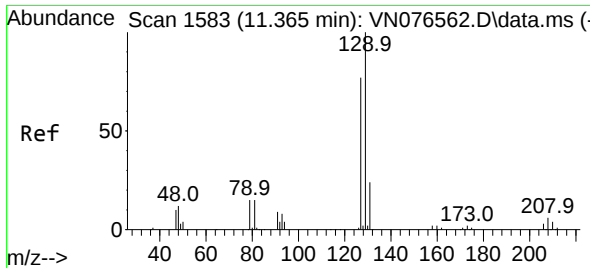


#59
2-Hexanone
Concen: 4.558 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43



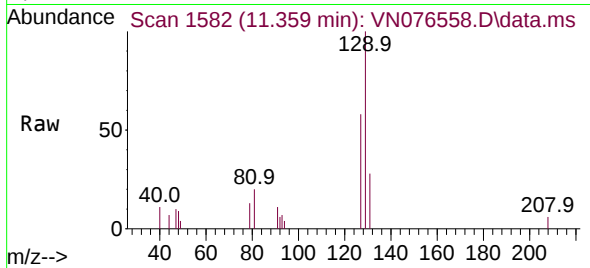
Tgt Ion: 43 Resp: 20643
Ion Ratio Lower Upper
43 100
58 58.1 31.8 95.4





#60
Dibromochloromethane
Concen: 0.954 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

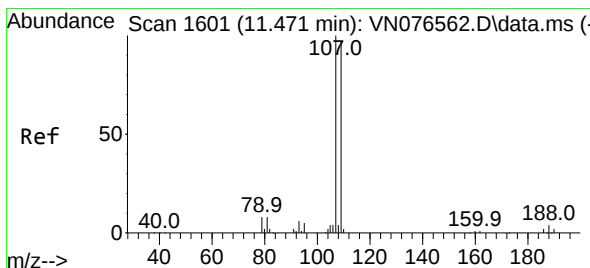
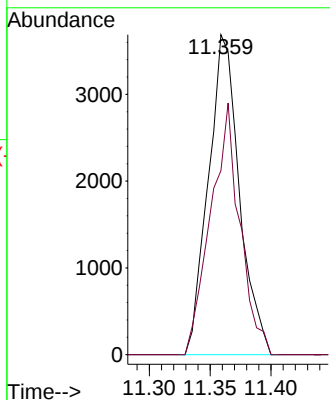
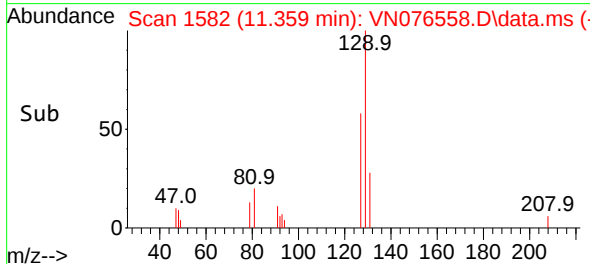
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



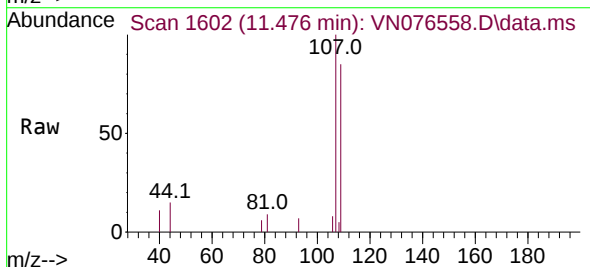
Tgt Ion:129 Resp: 653
Ion Ratio Lower Upper
129 100
127 74.1 38.9 116.7

Manual Integrations
APPROVED

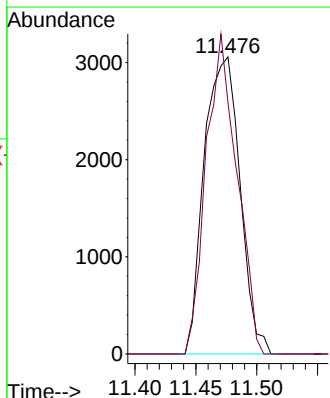
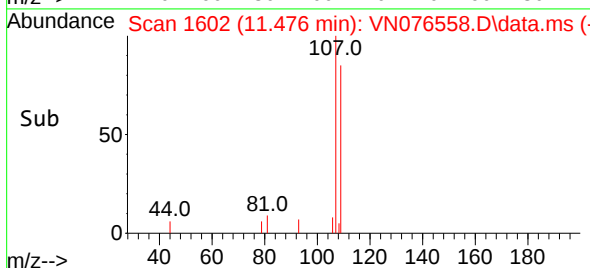
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

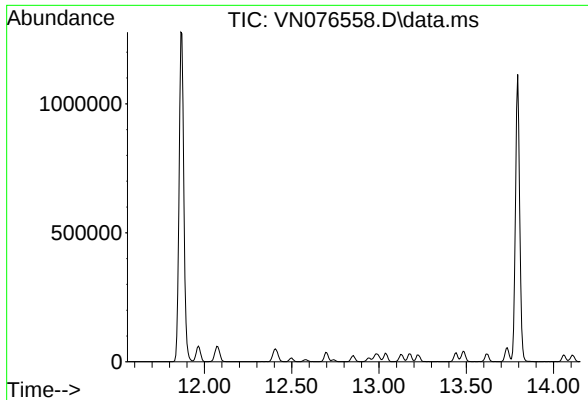


#61
1,2-Dibromoethane
Concen: 0.973 ug/l
RT: 11.476 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43



Tgt Ion:107 Resp: 6255
Ion Ratio Lower Upper
107 100
109 93.1 75.4 113.0





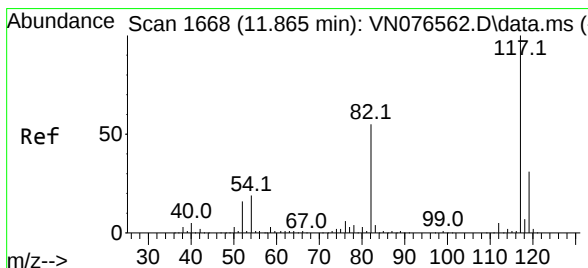
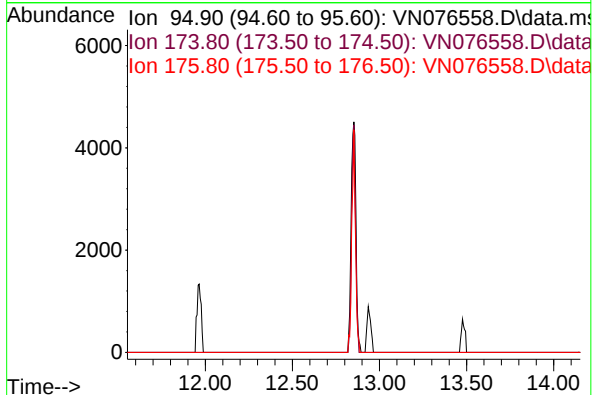
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN076558.D
 Acq: 07 Feb 2023 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 77.0
 176 76.0

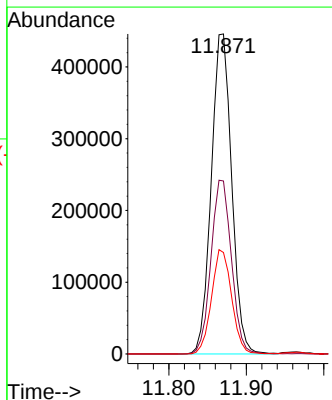
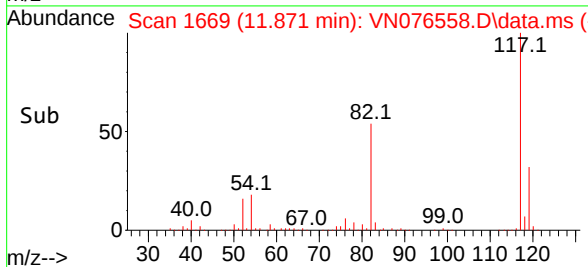
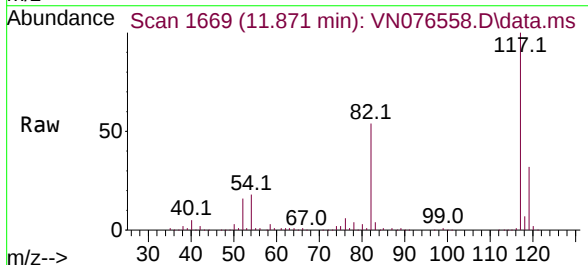
Manual Integrations
 APPROVED

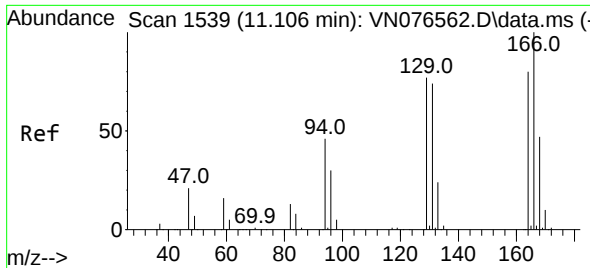
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1669
 Delta R.T. 0.006 min
 Lab File: VN076558.D
 Acq: 07 Feb 2023 11:43

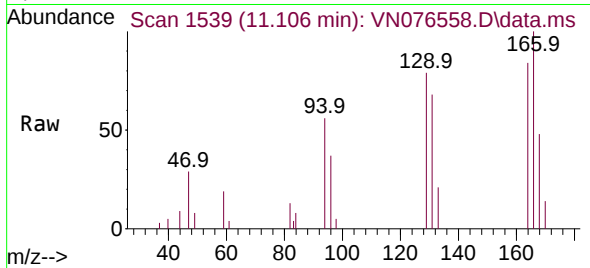
Tgt Ion:117 Resp: 817577
 Ion Ratio Lower Upper
 117 100
 82 54.1 44.2 66.4
 119 31.7 25.1 37.7





#64
Tetrachloroethene
Concen: 1.150 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

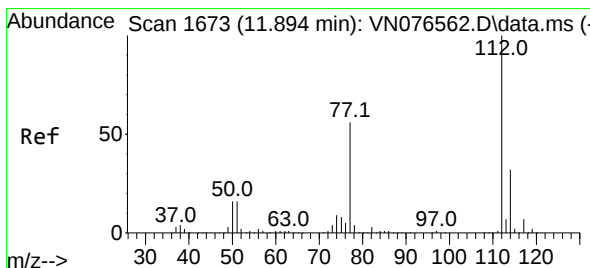
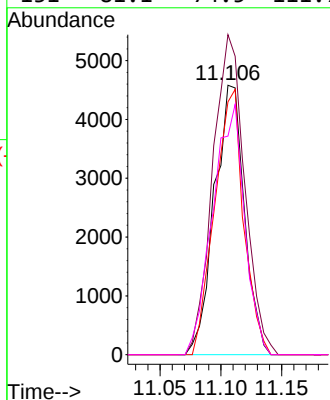
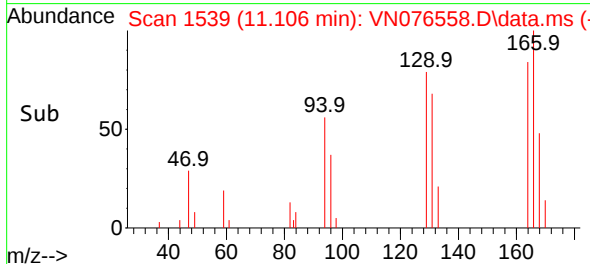
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 7829
Ion Ratio Lower Upper
164 100
166 118.8 100.2 150.4
129 93.8 76.8 115.2
131 81.1 74.5 111.7

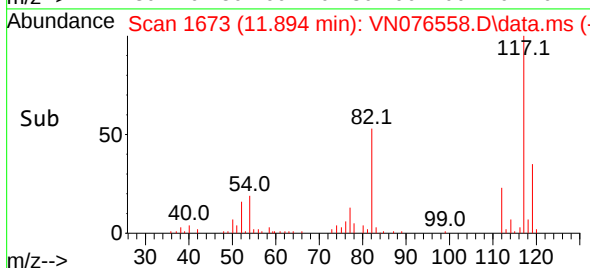
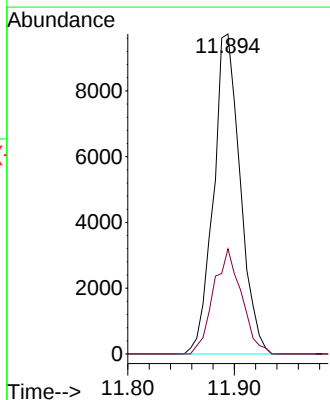
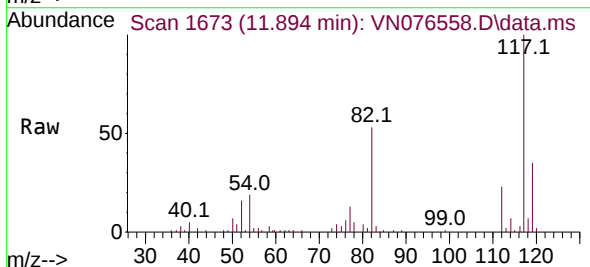
Manual Integrations
APPROVED

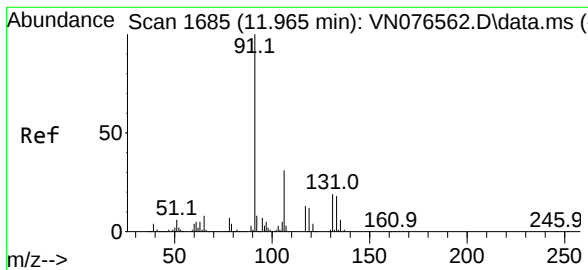
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#65
Chlorobenzene
Concen: 1.002 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

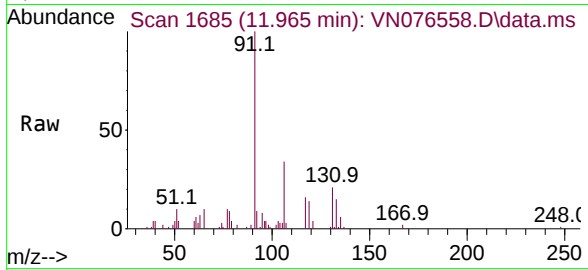
Tgt Ion:112 Resp: 16934
Ion Ratio Lower Upper
112 100
114 32.9 25.3 37.9





#66
1,1,1,2-Tetrachloroethane
Concen: 1.011 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

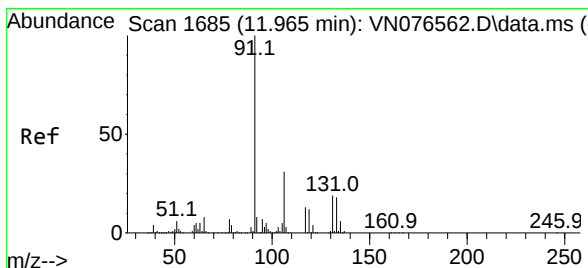
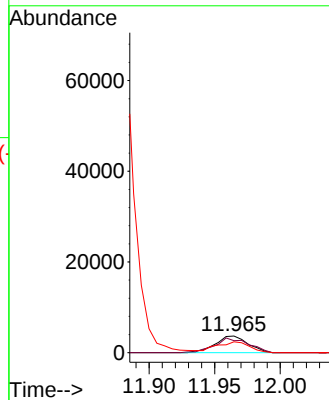
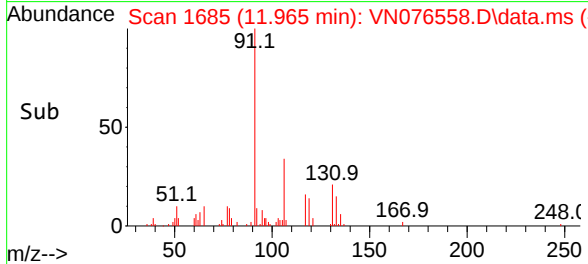
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



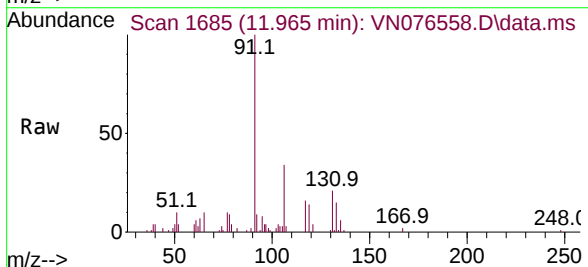
Tgt Ion:131 Resp: 633
Ion Ratio Lower Upper
131 100
133 91.8 48.0 144.2
119 0.0 32.4 97.0

Manual Integrations
APPROVED

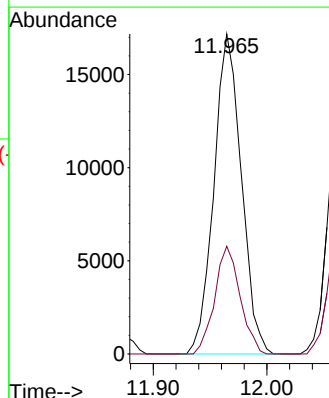
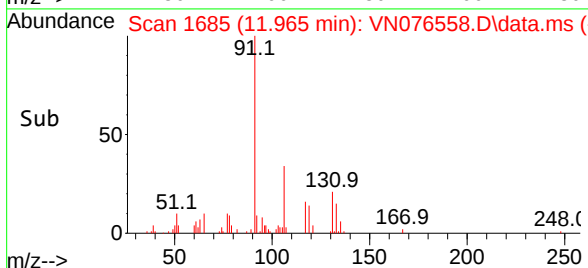
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

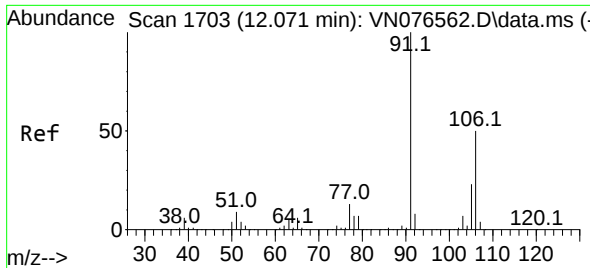


#67
Ethyl Benzene
Concen: 0.959 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43



Tgt Ion: 91 Resp: 28803
Ion Ratio Lower Upper
91 100
106 33.6 24.9 37.3





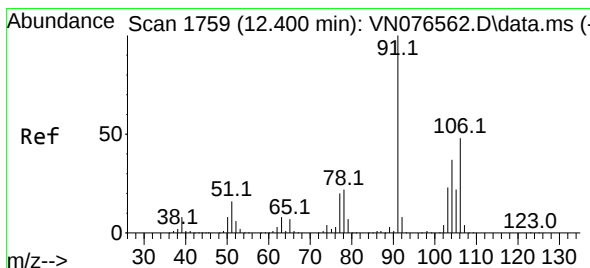
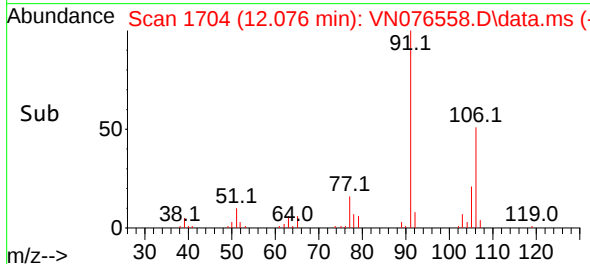
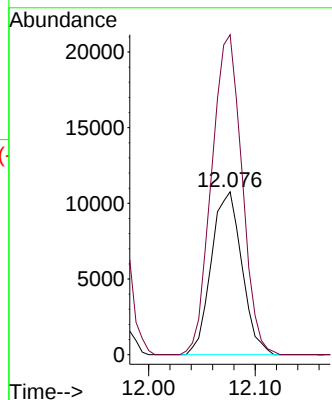
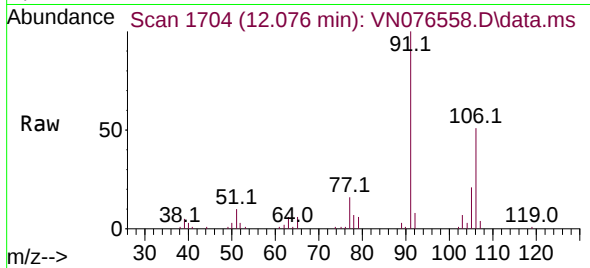
#68
m/p-Xylenes
Concen: 1.832 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 2144
Ion Ratio Lower Upper
106 100
91 195.5 160.2 240.4

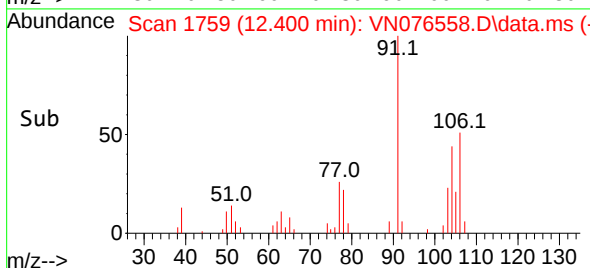
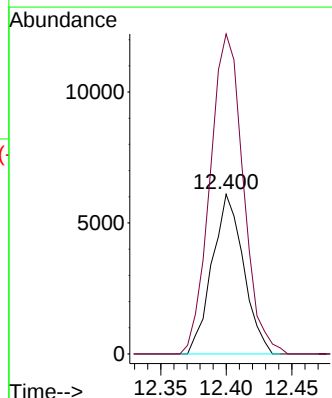
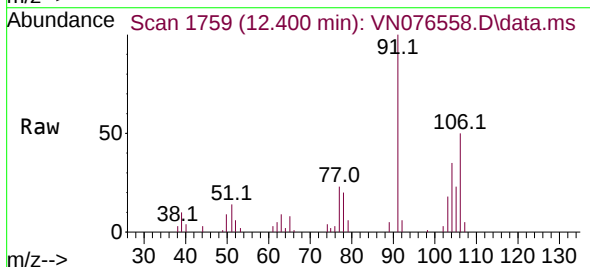
Manual Integrations
APPROVED

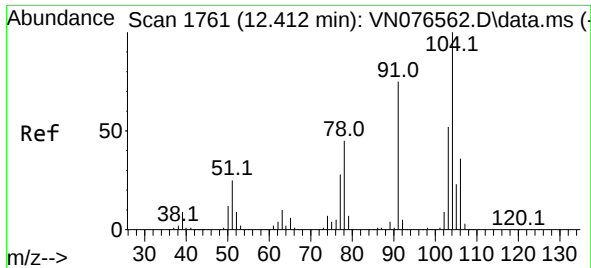
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#69
o-Xylene
Concen: 0.885 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Tgt Ion:106 Resp: 10144
Ion Ratio Lower Upper
106 100
91 212.1 106.2 318.5





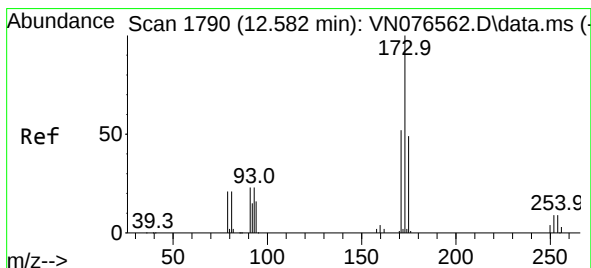
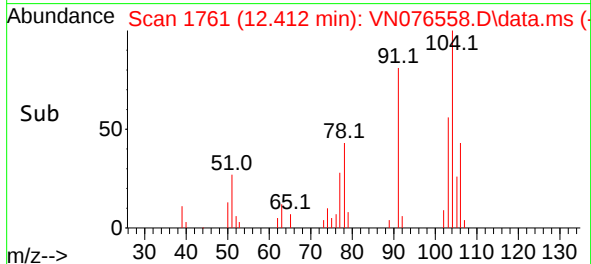
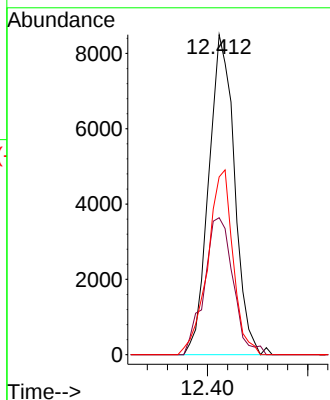
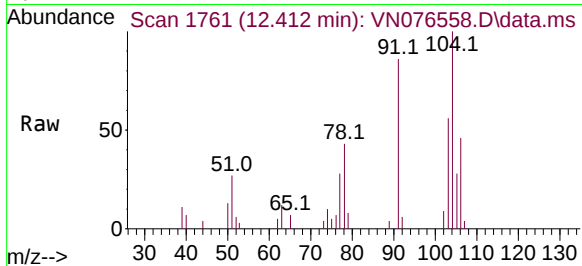
#70
Styrene
Concen: 0.831 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 1515
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.4
103 56.9 43.7 65.5

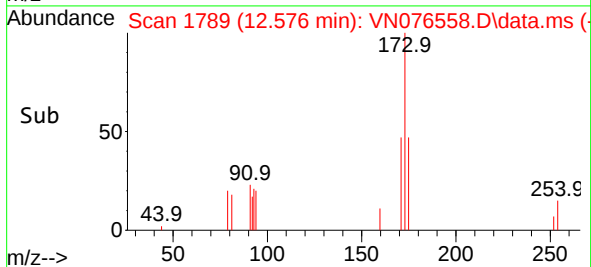
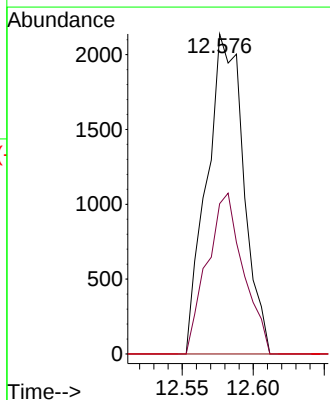
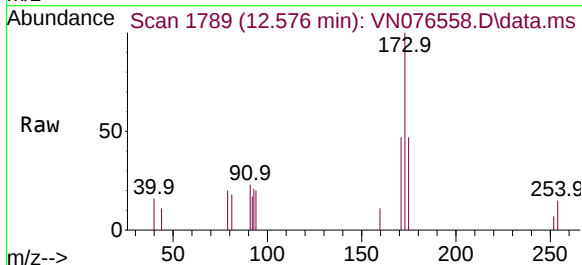
Manual Integrations
APPROVED

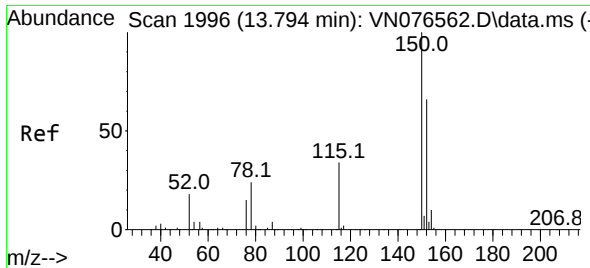
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#71
Bromoform
Concen: 0.880 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

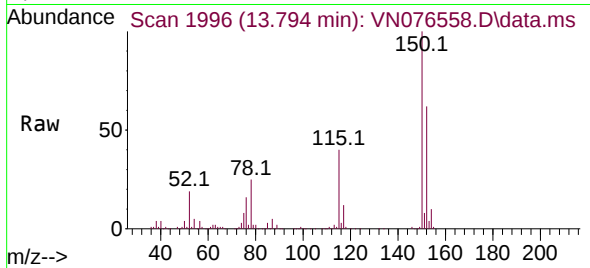
Tgt Ion:173 Resp: 3846
Ion Ratio Lower Upper
173 100
175 49.6 24.8 74.3
254 0.0 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

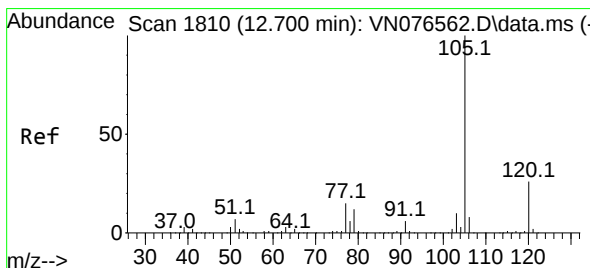
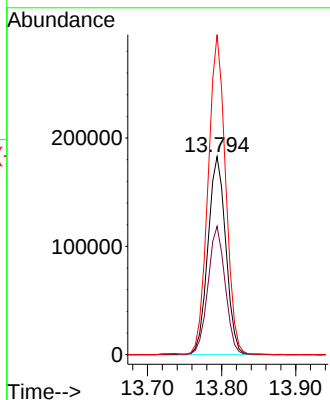
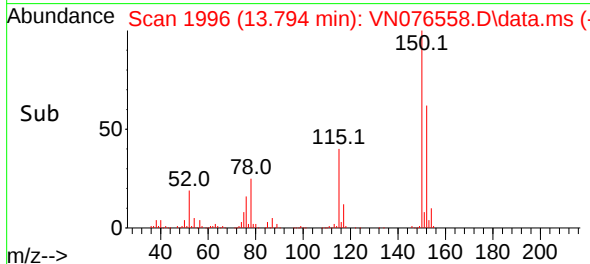
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



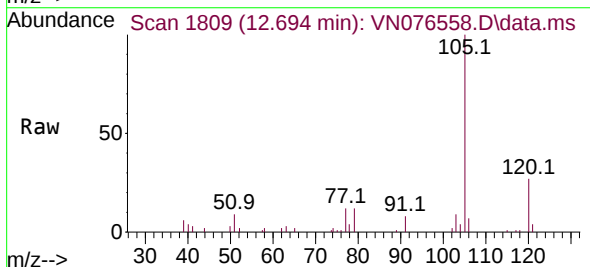
Tgt Ion:152 Resp: 30555
Ion Ratio Lower Upper
152 100
115 62.7 30.8 92.3
150 158.7 0.0 348.8

Manual Integrations
APPROVED

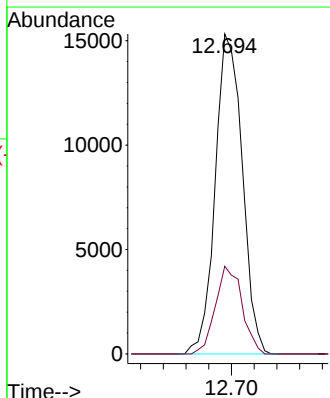
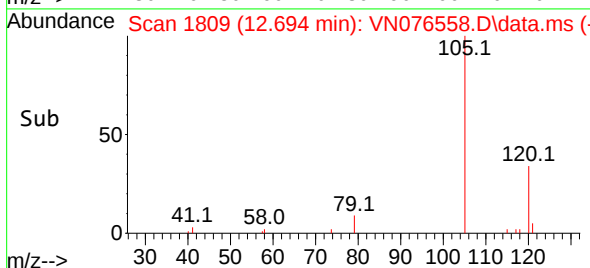
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

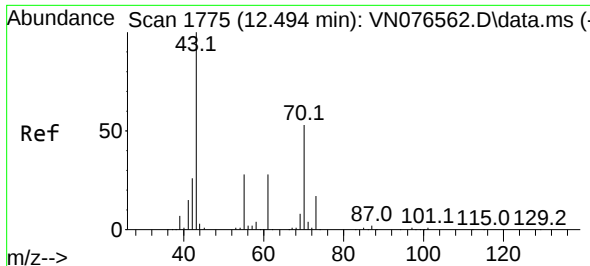


#73
Isopropylbenzene
Concen: 1.011 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43



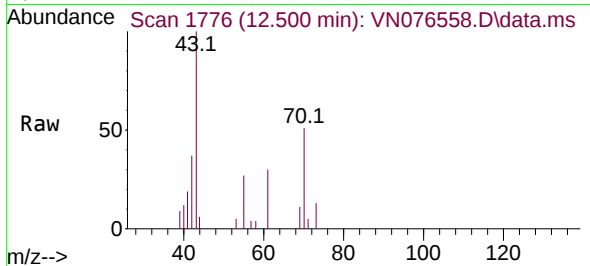
Tgt Ion:105 Resp: 25295
Ion Ratio Lower Upper
105 100
120 27.0 13.0 39.0





#74
N-amy1 acetate
Concen: 1.011 ug/l
RT: 12.500 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

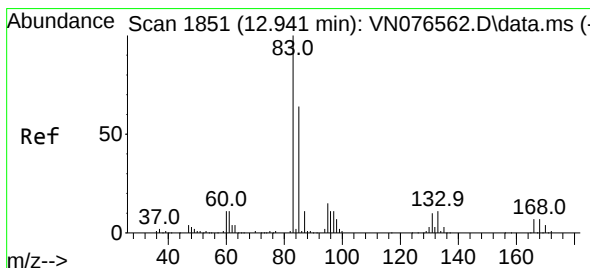
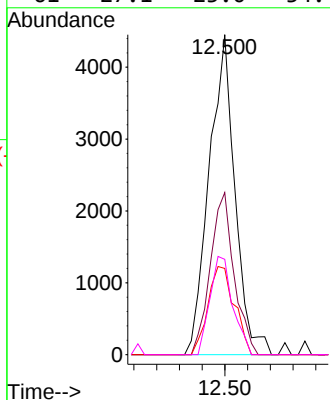
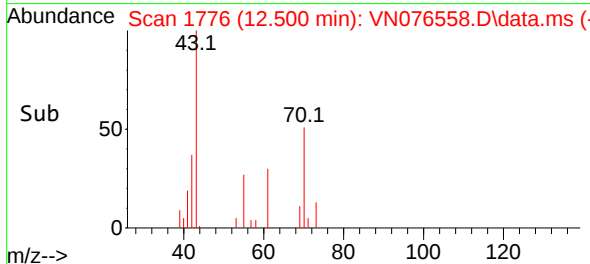
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43	Resp: 705
Ion Ratio	Lower Upper
43 100	
70 46.5	43.1 64.7
55 28.2	22.4 33.6
61 27.1	23.0 34.4

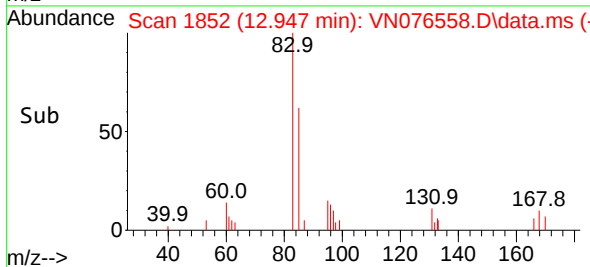
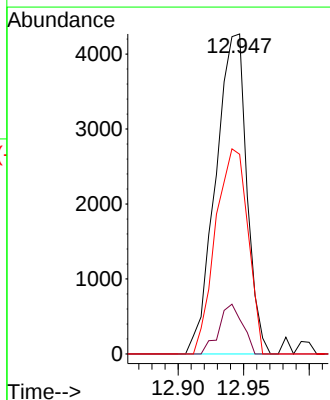
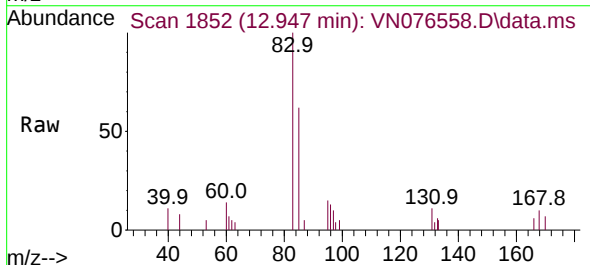
Manual Integrations
APPROVED

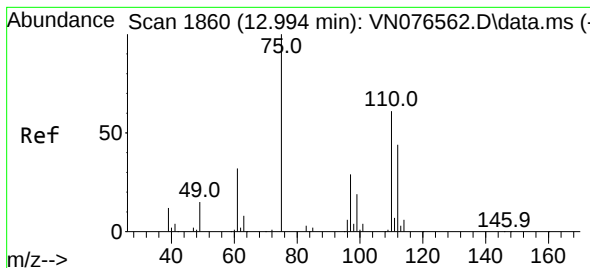
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 1.026 ug/l
RT: 12.947 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Tgt Ion: 83	Resp: 7040
Ion Ratio	Lower Upper
83 100	
131 11.8	5.3 16.1
85 66.7	32.4 97.0





#76

1,2,3-Trichloropropane

Concen: 1.074 ug/l m

RT: 13.000 min Scan# 1860

Delta R.T. 0.006 min

Lab File: VN076558.D

Acq: 07 Feb 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 75 Resp: 649

Ion Ratio Lower Upper

75 100

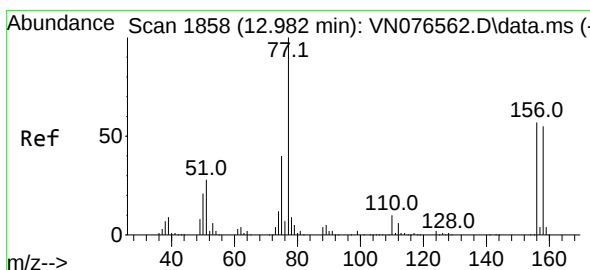
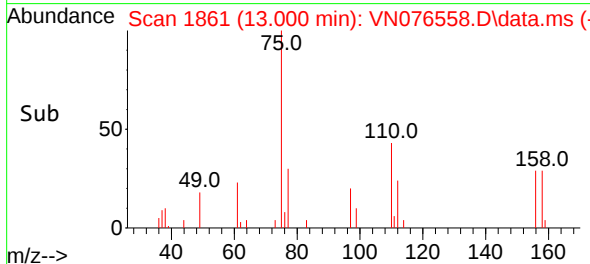
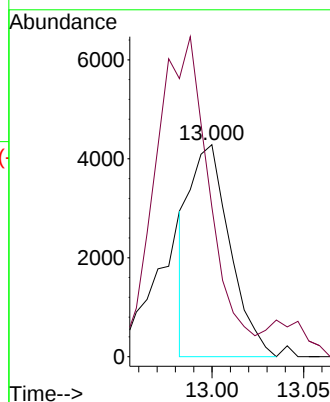
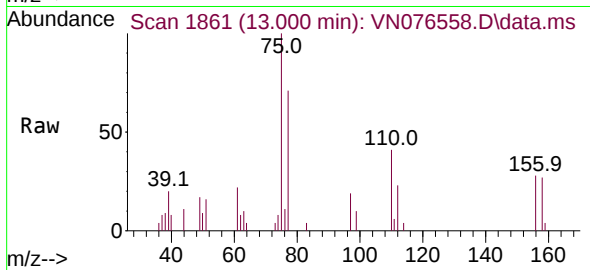
77 203.3 87.5 262.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#77

Bromobenzene

Concen: 1.136 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN076558.D

Acq: 07 Feb 2023 11:43

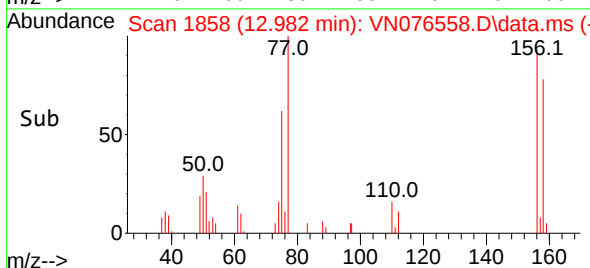
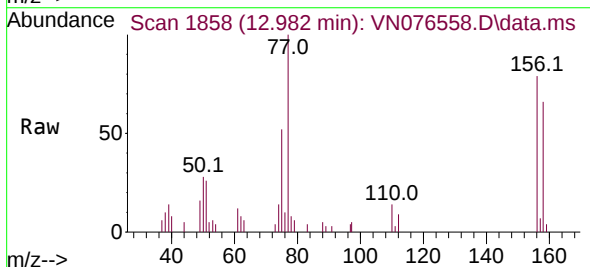
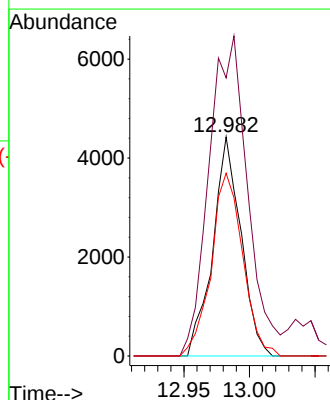
Tgt Ion:156 Resp: 6615

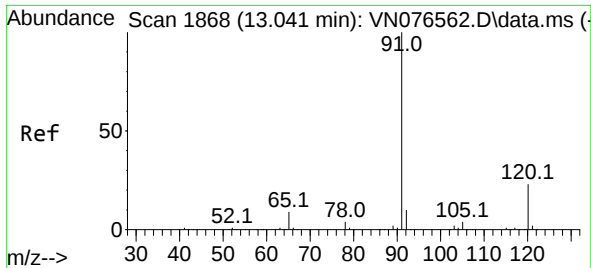
Ion Ratio Lower Upper

156 100

77 199.5 101.6 304.9

158 93.2 48.9 146.7





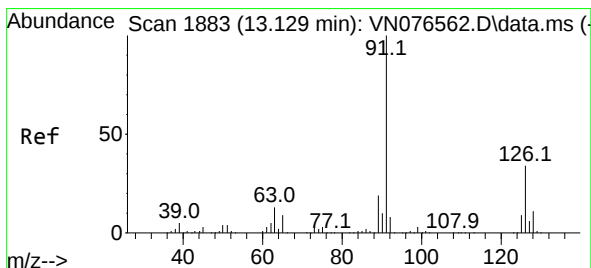
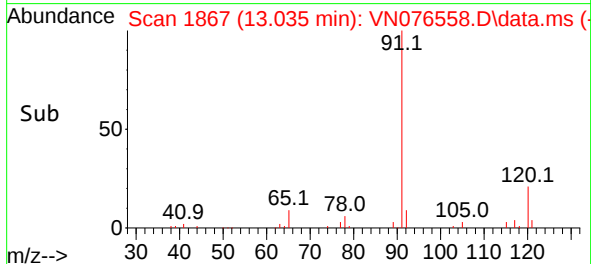
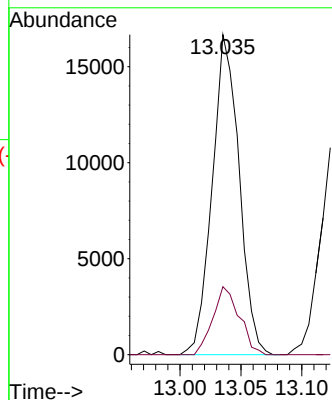
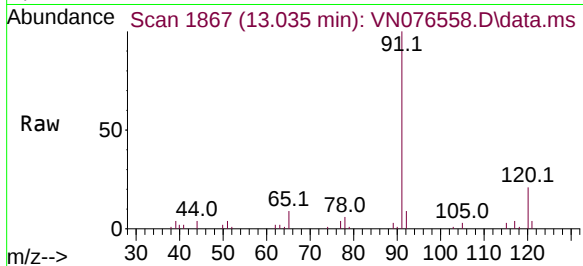
#78
n-propylbenzene
Concen: 0.931 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 2565
Ion Ratio Lower Upper
91 100
120 20.9 11.6 34.8

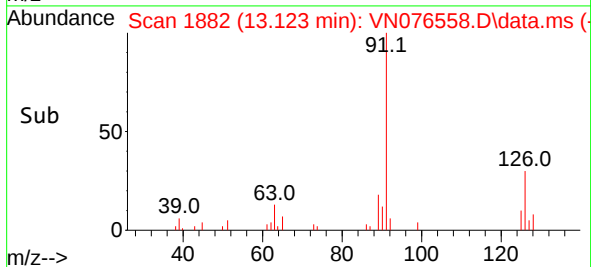
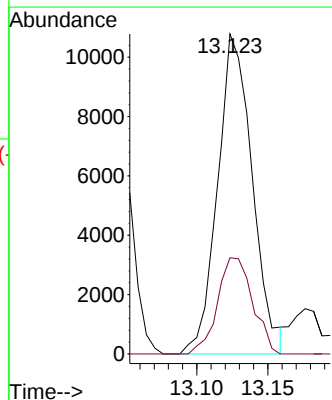
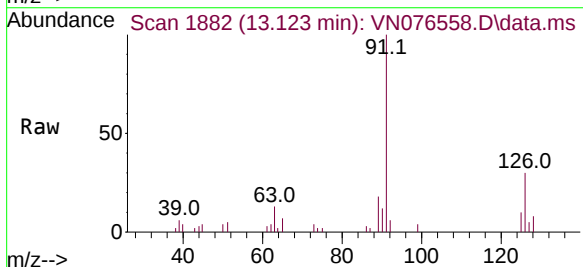
Manual Integrations
APPROVED

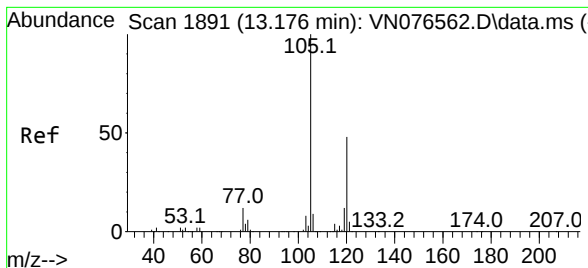
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#79
2-Chlorotoluene
Concen: 1.042 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

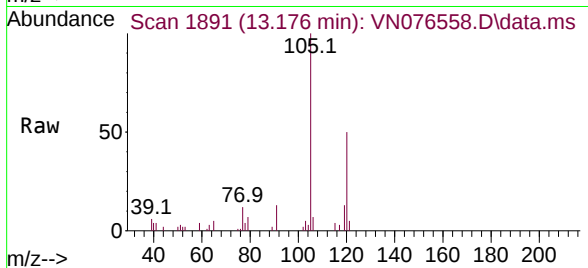
Tgt Ion: 91 Resp: 18283
Ion Ratio Lower Upper
91 100
126 30.6 16.8 50.3





#80
1,3,5-Trimethylbenzene
Concen: 0.887 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

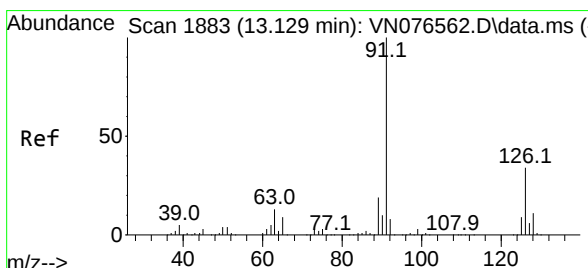
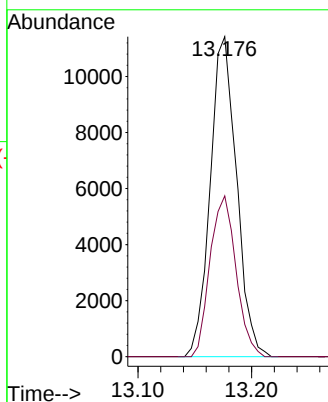
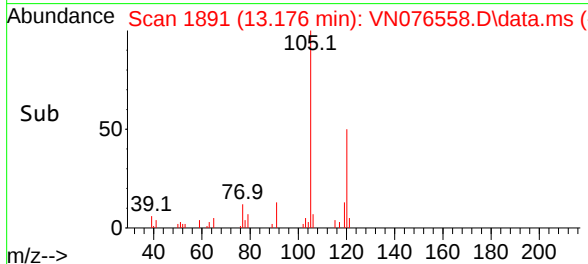
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



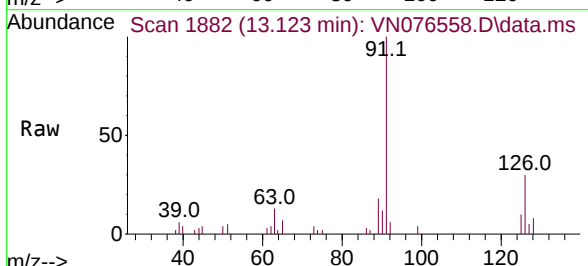
Tgt Ion:105 Resp: 18429
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.9

Manual Integrations
APPROVED

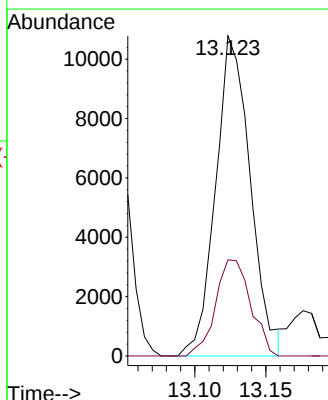
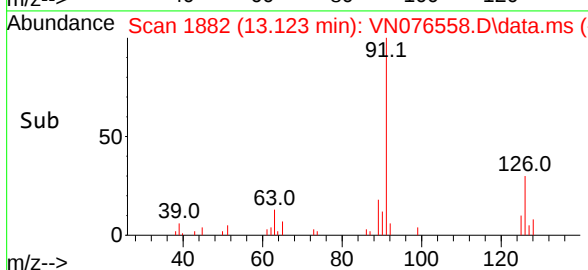
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

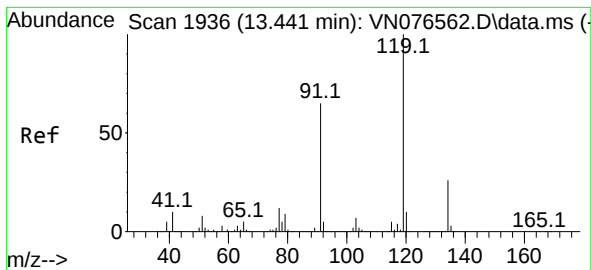


#82
4-Chlorotoluene
Concen: 1.042 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43



Tgt Ion: 91 Resp: 18283
Ion Ratio Lower Upper
91 100
126 30.6 16.8 50.3





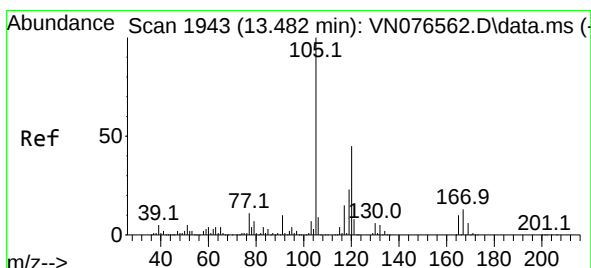
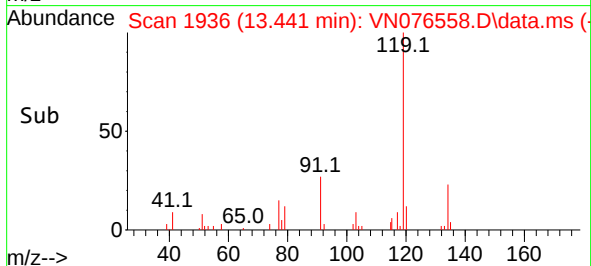
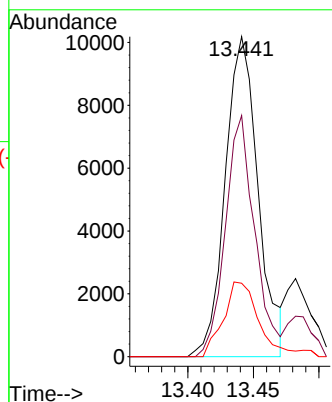
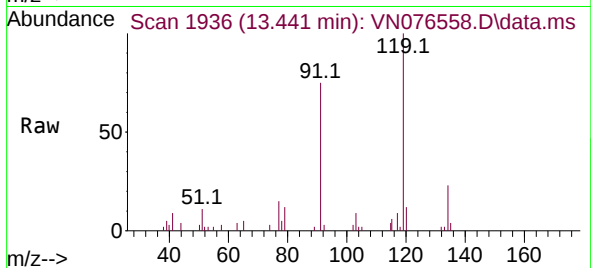
#83
tert-Butylbenzene
Concen: 0.955 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:119 Resp: 1776
Ion Ratio Lower Upper
119 100
91 67.4 33.2 99.6
134 25.7 13.4 40.1

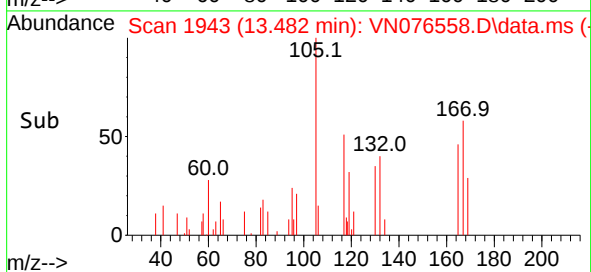
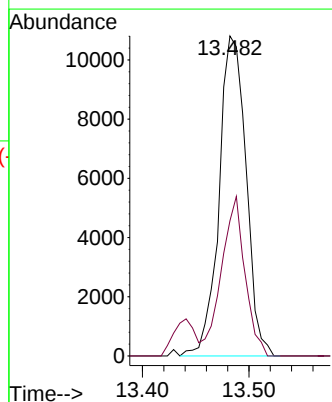
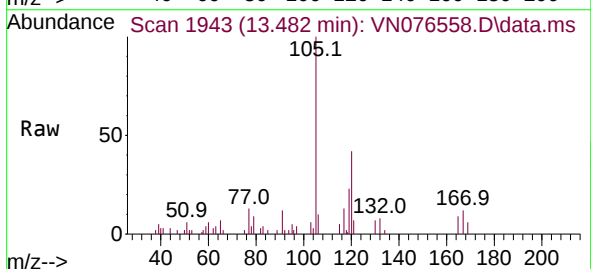
Manual Integrations
APPROVED

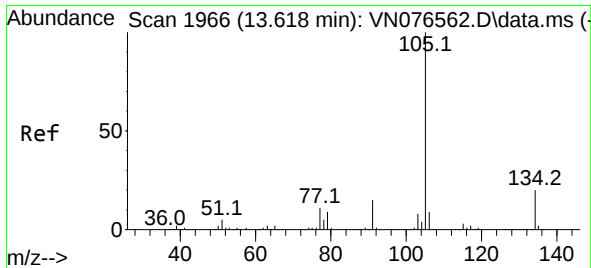
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#84
1,2,4-Trimethylbenzene
Concen: 0.920 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Tgt Ion:105 Resp: 19011
Ion Ratio Lower Upper
105 100
120 43.6 22.3 66.8





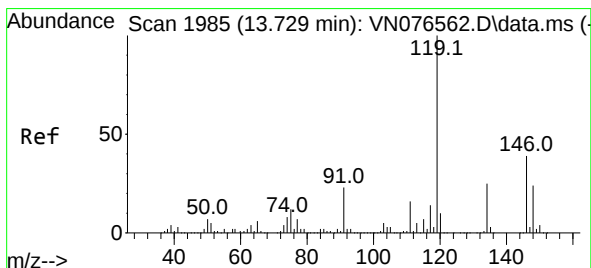
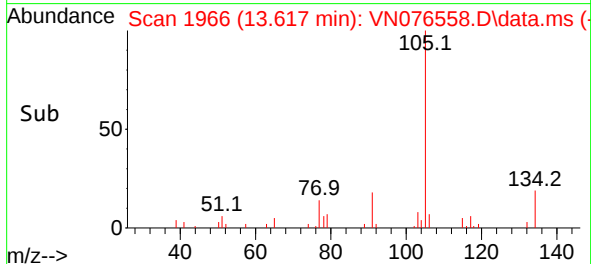
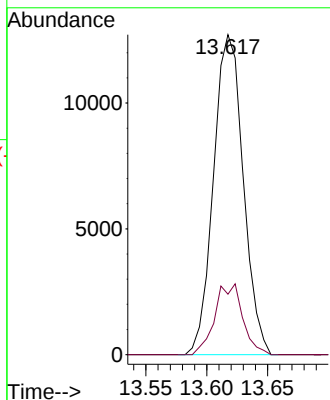
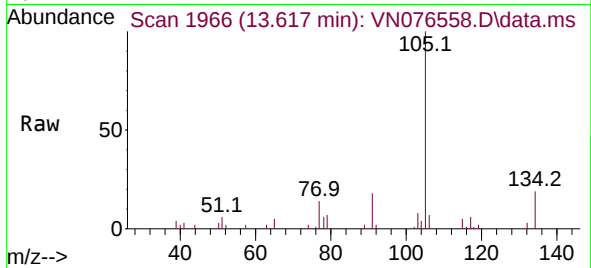
#85
 sec-Butylbenzene
 Concen: 0.862 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076558.D
 Acq: 07 Feb 2023 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 2161
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.1

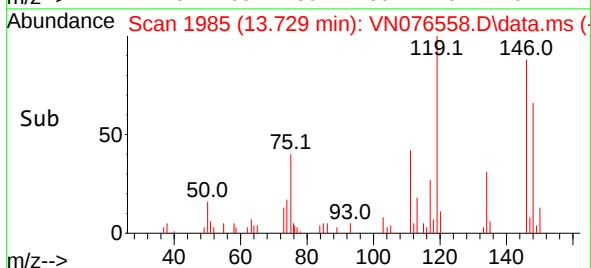
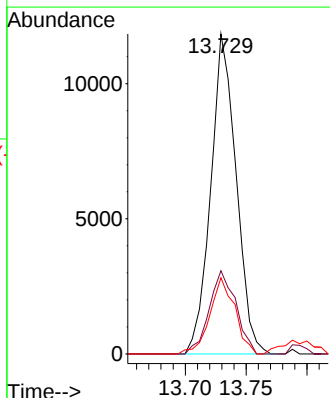
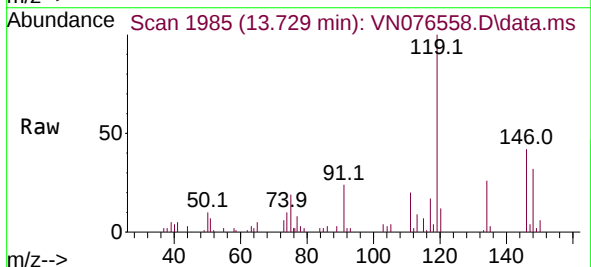
Manual Integrations
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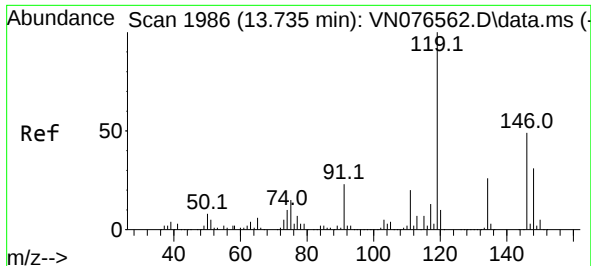
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#86
 p-Isopropyltoluene
 Concen: 0.836 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN076558.D
 Acq: 07 Feb 2023 11:43

Tgt Ion:119 Resp: 17192
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.8 38.4
 91 23.5 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 1.082 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN076558.D

Acq: 07 Feb 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:146 Resp: 1159

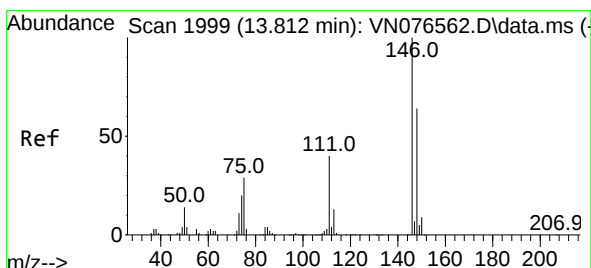
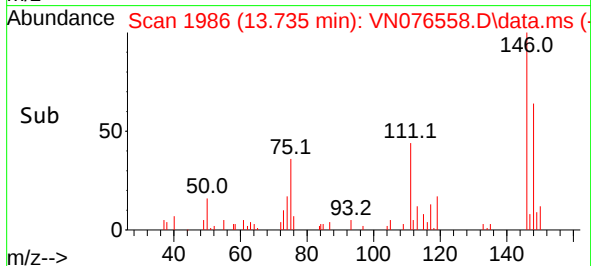
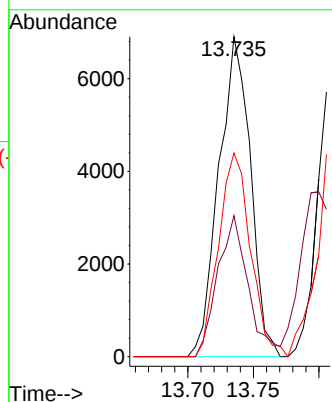
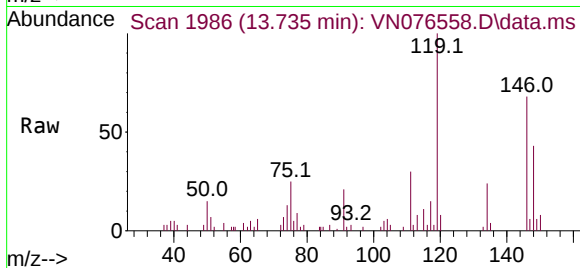
Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.3	61.0
148	64.3	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#88

1,4-Dichlorobenzene

Concen: 1.203 ug/l m

RT: 13.812 min Scan# 1999

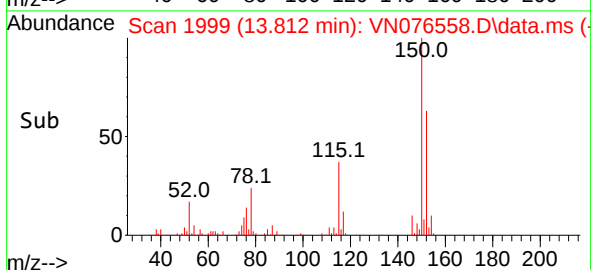
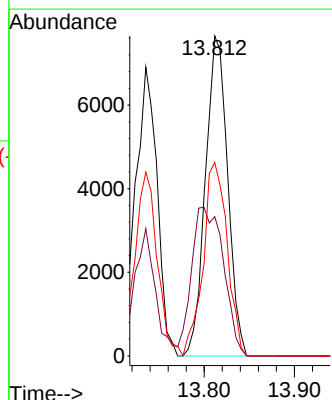
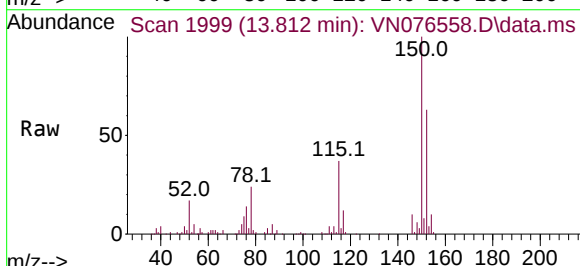
Delta R.T. -0.000 min

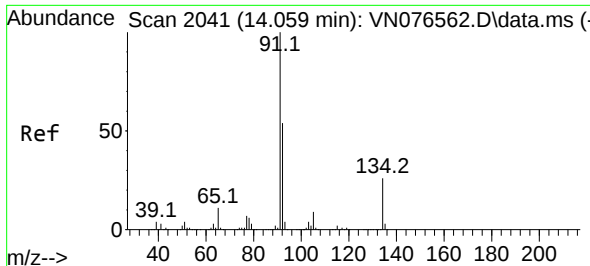
Lab File: VN076558.D

Acq: 07 Feb 2023 11:43

Tgt Ion:146 Resp: 13090

Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.8	59.4
148	56.9	31.6	94.8





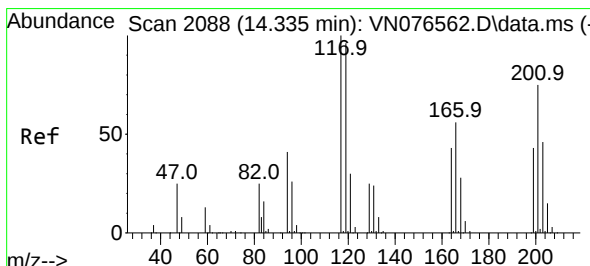
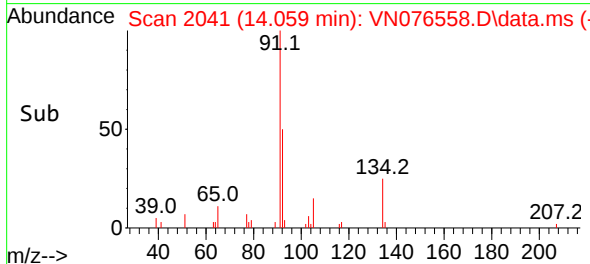
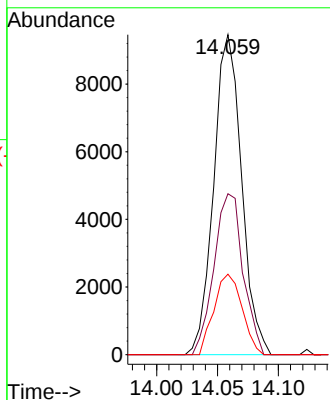
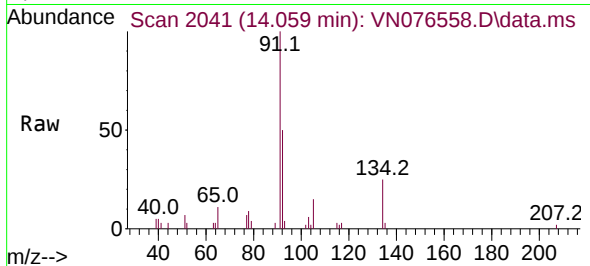
#89
n-Butylbenzene
Concen: 0.927 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 1508
Ion Ratio Lower Upper
91 100
92 52.4 27.0 80.8
134 25.3 13.1 39.3

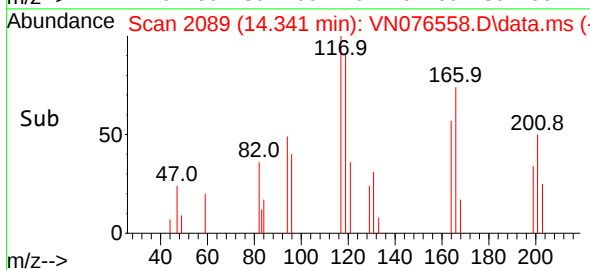
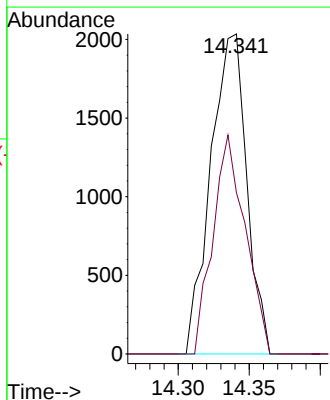
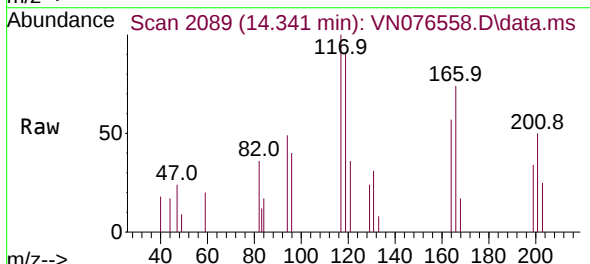
Manual Integrations
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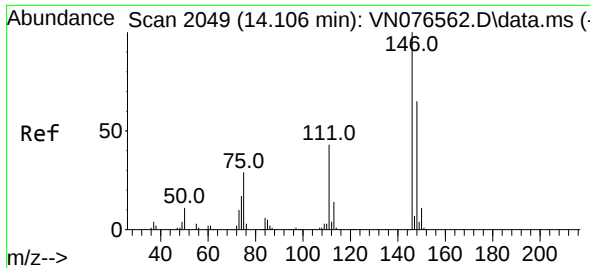
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#90
Hexachloroethane
Concen: 1.003 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Tgt Ion:117 Resp: 3591
Ion Ratio Lower Upper
117 100
201 61.5 37.2 111.6





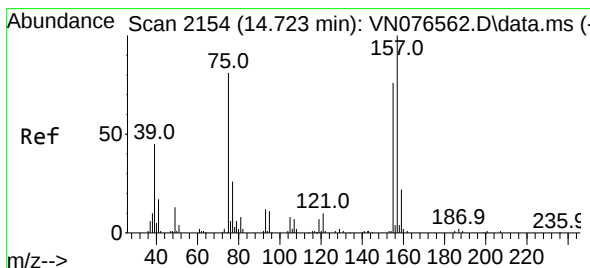
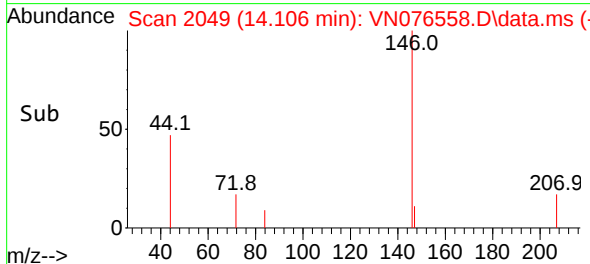
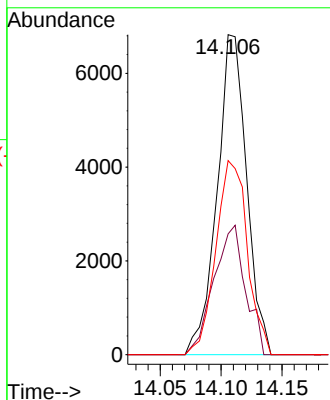
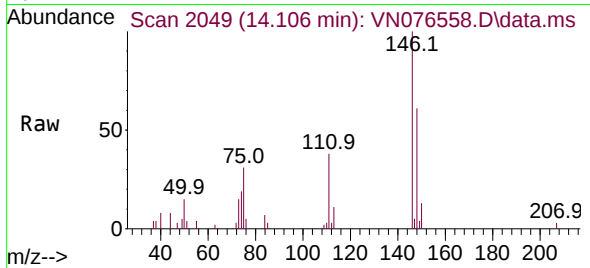
#91
1,2-Dichlorobenzene
Concen: 1.092 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 11538
Ion Ratio Lower Upper
146 100
111 43.3 21.4 64.3
148 64.8 31.9 95.9

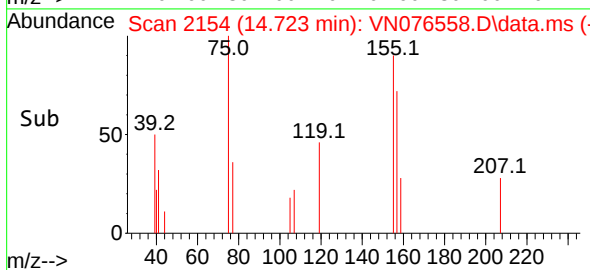
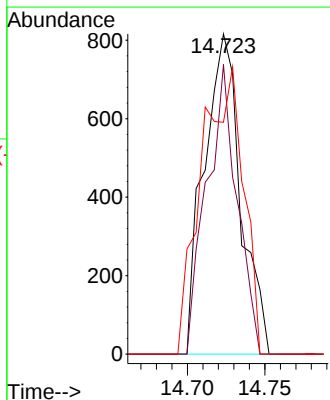
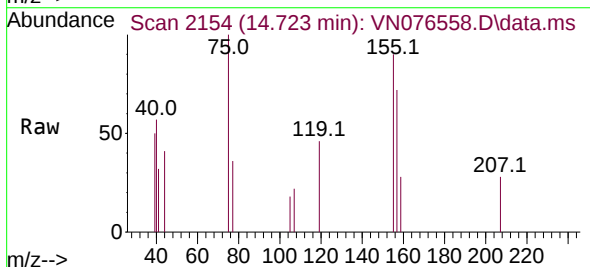
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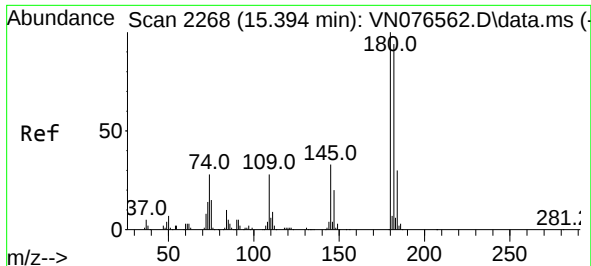
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.128 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

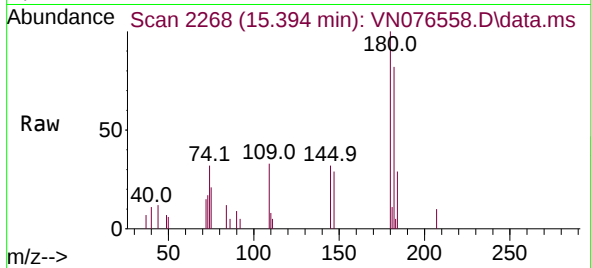
Tgt Ion: 75 Resp: 1339
Ion Ratio Lower Upper
75 100
155 75.2 44.8 134.4
157 102.8 58.4 175.1





#93
1,2,4-Trichlorobenzene
Concen: 1.183 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43

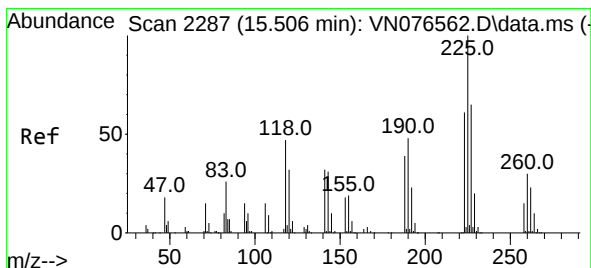
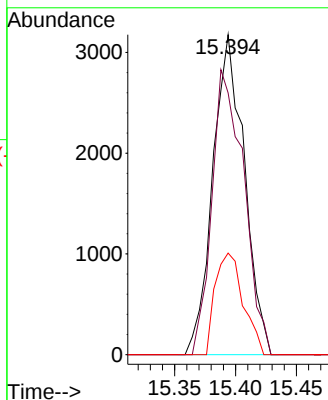
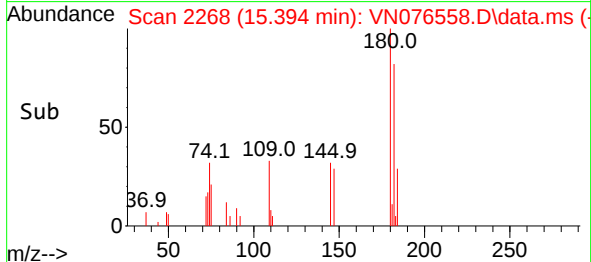
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



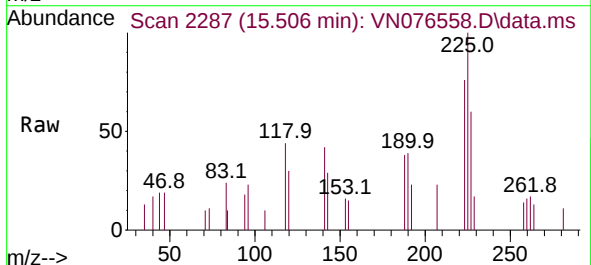
Tgt Ion:180 Resp: 5720
Ion Ratio Lower Upper
180 100
182 90.0 47.4 142.2
145 28.2 16.3 48.8

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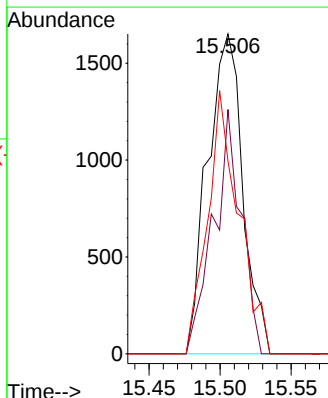
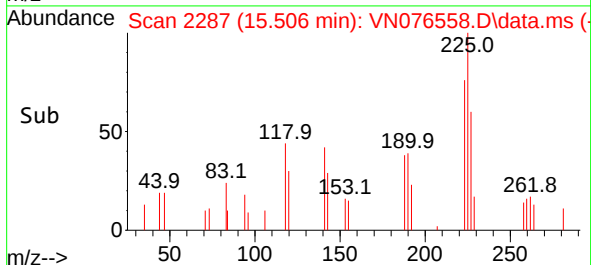
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

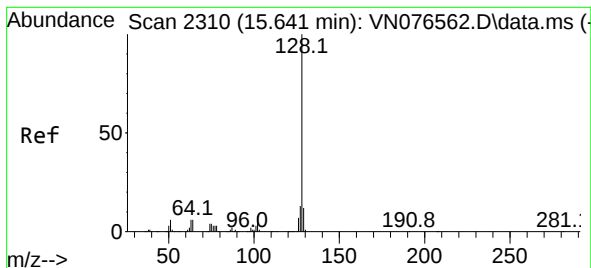


#94
Hexachlorobutadiene
Concen: 1.046 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN076558.D
Acq: 07 Feb 2023 11:43



Tgt Ion:225 Resp: 2846
Ion Ratio Lower Upper
225 100
223 60.3 31.2 93.6
227 73.0 31.8 95.3





#95

Naphthalene

Concen: 1.264 ug/l

RT: 15.647 min Scan# 2310

Delta R.T. 0.006 min

Lab File: VN076558.D

Acq: 07 Feb 2023 11:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

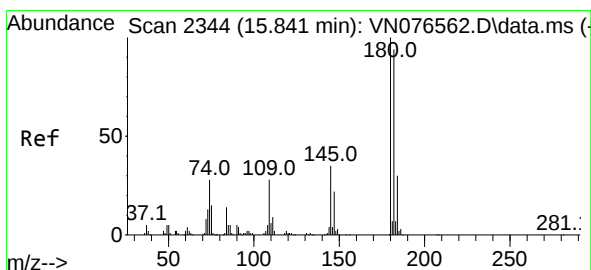
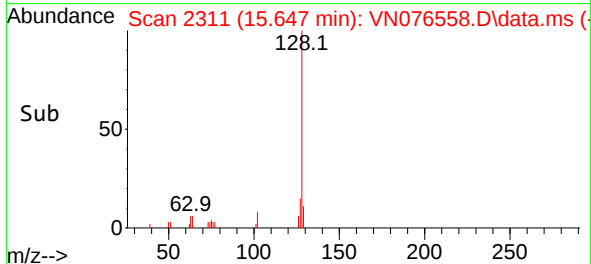
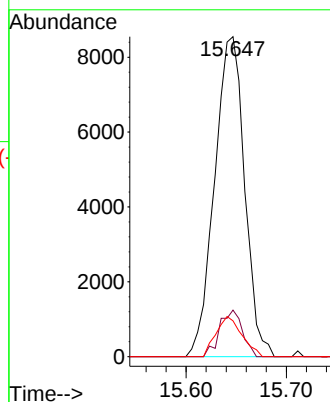
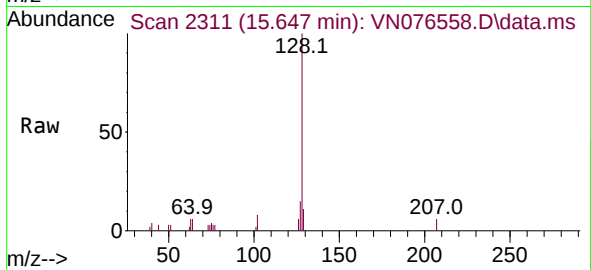
Tgt Ion:	128	Resp:	1779
Ion Ratio	Lower	Upper	
128	100		
127	11.0	10.2	15.2
129	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#96

1,2,3-Trichlorobenzene

Concen: 1.226 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076558.D

Acq: 07 Feb 2023 11:43

Tgt Ion:	180	Resp:	5683
Ion Ratio	Lower	Upper	
180	100		
182	90.8	47.4	142.2
145	28.7	17.2	51.5

