

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011623\
 Data File : VN076260.D
 Acq On : 16 Jan 2023 10:30
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2023
 Supervised By : Mahesh Dadoda 01/17/2023

Quant Time: Jan 16 11:17:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 16 11:16:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	314982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	527691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	435423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170514	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	2721	1.217	ug/l	94
3) Chloromethane	2.383	50	3776	1.358	ug/l #	83
4) Vinyl Chloride	2.530	62	4450	1.341	ug/l #	82
6) Chloroethane	3.142	64	3319	1.351	ug/l	97
7) Trichlorofluoromethane	3.512	101	5942	1.180	ug/l	95
8) Diethyl Ether	3.977	74	1635	0.889	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.389	101	2830	0.985	ug/l	91
12) 1,1-Dichloroethene	4.359	96	2639	0.945	ug/l #	89
14) Allyl chloride	5.059	41	3262m	1.000	ug/l	
15) Acrylonitrile	5.742	53	7122	5.382	ug/l #	85
16) Acetone	4.442	43	6563m	5.556	ug/l	
17) Carbon Disulfide	4.736	76	7658	1.133	ug/l #	76
18) Methyl Acetate	5.036	43	4040m	1.157	ug/l	
19) Methyl tert-butyl Ether	5.806	73	9228	1.004	ug/l	99
20) Methylene Chloride	5.283	84	3894	1.072	ug/l	89
21) trans-1,2-Dichloroethene	5.800	96	3428	1.121	ug/l	92
22) Diisopropyl ether	6.677	45	8154	1.029	ug/l #	89
23) Vinyl Acetate	6.618	43	22224	4.165	ug/l	96
24) 1,1-Dichloroethane	6.589	63	5833	1.103	ug/l #	81
25) 2-Butanone	7.494	43	8237	4.980	ug/l	92
26) 2,2-Dichloropropane	7.488	77	5092	1.137	ug/l	82
27) cis-1,2-Dichloroethene	7.494	96	3894	1.065	ug/l	96
28) Bromochloromethane	7.830	49	2310	0.997	ug/l #	99
29) Tetrahydrofuran	7.853	42	4723	4.557	ug/l	92
30) Chloroform	7.971	83	7173	1.205	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	5415	1.026	ug/l #	47
36) 1,1-Dichloropropene	8.377	75	4660	1.073	ug/l	98
37) Ethyl Acetate	7.571	43	3110	0.892	ug/l #	81
38) Carbon Tetrachloride	8.371	117	5122	1.054	ug/l #	95
39) Methylcyclohexane	9.600	83	4596	0.878	ug/l	98
40) Benzene	8.606	78	13394	1.000	ug/l	99
41) Methacrylonitrile	7.788	41	1591	0.878	ug/l #	80
42) 1,2-Dichloroethane	8.683	62	4916	1.104	ug/l	88
43) Isopropyl Acetate	8.700	43	17528m	3.047	ug/l	
44) Trichloroethene	9.359	130	3897	1.033	ug/l	81
45) 1,2-Dichloropropane	9.630	63	3235	0.993	ug/l	96

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Mon Jan 16 11:16:53 2023
 Response via : Initial Calibration

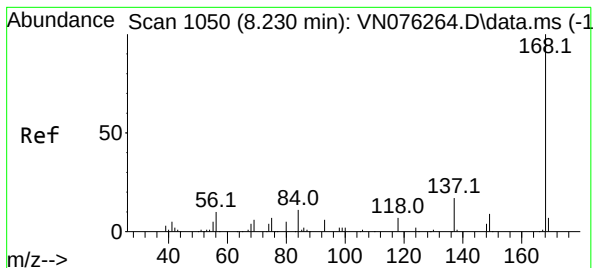
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.718	93	2403	0.994	ug/l	93
47) Bromodichloromethane	9.888	83	4573	0.965	ug/l #	98
48) Methyl methacrylate	9.682	41	2325	0.897	ug/l	89
49) 1,4-Dioxane	9.700	88	971	15.246	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	15617	4.489	ug/l	87
52) Toluene	10.635	92	8252	0.946	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	3732	0.804	ug/l #	84
54) cis-1,3-Dichloropropene	10.312	75	4412	0.866	ug/l #	93
55) 1,1,2-Trichloroethane	11.012	97	3166	0.925	ug/l #	83
56) Ethyl methacrylate	10.876	69	3666	0.806	ug/l	97
57) 1,3-Dichloropropane	11.165	76	4948	0.881	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.165	63	6361	4.393	ug/l	97
59) 2-Hexanone	11.194	43	10918	4.304	ug/l	90
60) Dibromochloromethane	11.359	129	3583	0.941	ug/l	94
61) 1,2-Dibromoethane	11.476	107	3095	0.893	ug/l #	76
64) Tetrachloroethene	11.106	164	4228	1.380	ug/l	93
65) Chlorobenzene	11.894	112	9469	1.060	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	3301	0.997	ug/l #	54
67) Ethyl Benzene	11.965	91	14458	0.959	ug/l	99
68) m/p-Xylenes	12.071	106	10878	1.822	ug/l	98
69) o-Xylene	12.400	106	5297	0.897	ug/l	95
70) Styrene	12.406	104	7787	0.829	ug/l	95
71) Bromoform	12.576	173	2284	0.948	ug/l #	95
73) Isopropylbenzene	12.700	105	11843	0.961	ug/l	96
74) N-amyl acetate	12.494	43	3188	0.882	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	4654	1.222	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	3191m	0.928	ug/l	
77) Bromobenzene	12.982	156	3524	1.130	ug/l	96
78) n-propylbenzene	13.035	91	12455	0.916	ug/l	99
79) 2-Chlorotoluene	13.123	91	8891	1.048	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	9634	0.934	ug/l	96
82) 4-Chlorotoluene	13.123	91	8891	1.048	ug/l	99
83) tert-Butylbenzene	13.441	119	9220	1.014	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	8342	0.815	ug/l	89
85) sec-Butylbenzene	13.612	105	11338	0.903	ug/l	99
86) p-Isopropyltoluene	13.729	119	8193	0.785	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	6331	1.099	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	6055m	1.029	ug/l	
89) n-Butylbenzene	14.059	91	7089	0.838	ug/l	92
90) Hexachloroethane	14.341	117	1783	0.954	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	6410	1.130	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	560	0.829	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	2001	0.712	ug/l	95
94) Hexachlorobutadiene	15.500	225	1515	0.989	ug/l	93
95) Naphthalene	15.647	128	4961	0.639	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.835	180	2019	0.769	ug/l	93

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

Manual Integrations

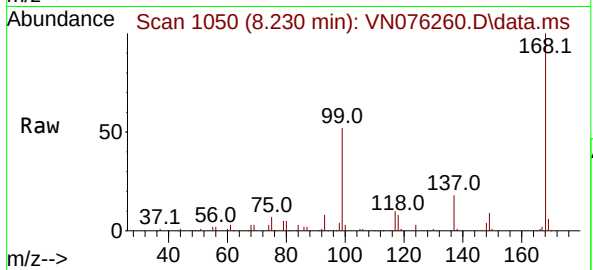
Quant Time: Jan 16 11:17:39 2023
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QLast Update : Mon Jan 16 11:16:53 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

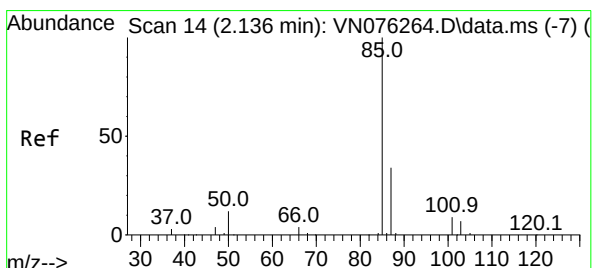
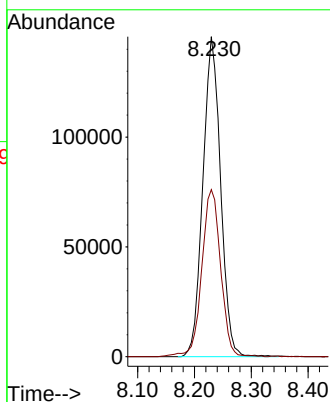
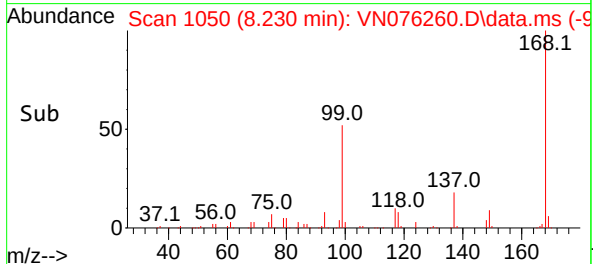
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



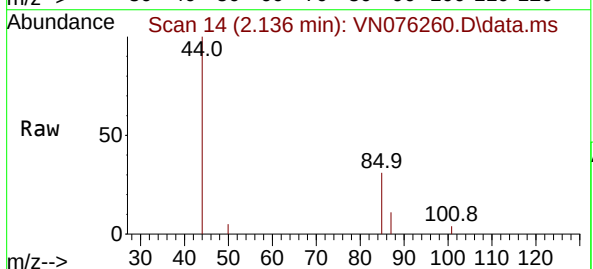
Tgt Ion:168 Resp: 31498
Ion Ratio Lower Upper
168 100
99 52.0 44.2 66.4

Manual Integrations
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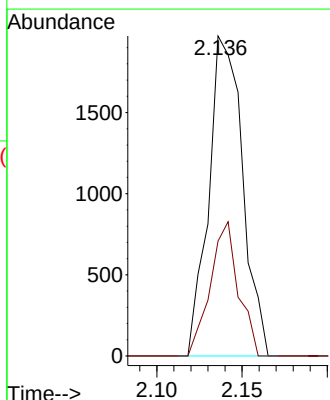
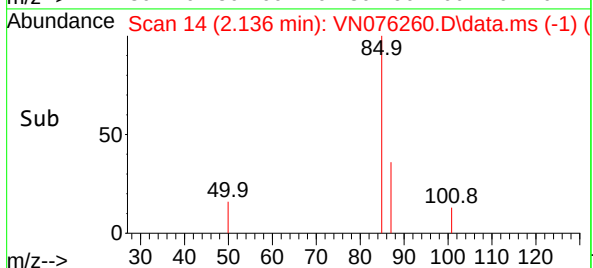
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

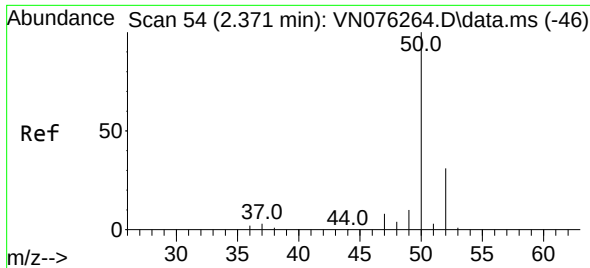


#2
Dichlorodifluoromethane
Concen: 1.217 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30



Tgt Ion: 85 Resp: 2721
Ion Ratio Lower Upper
85 100
87 35.9 16.3 48.9





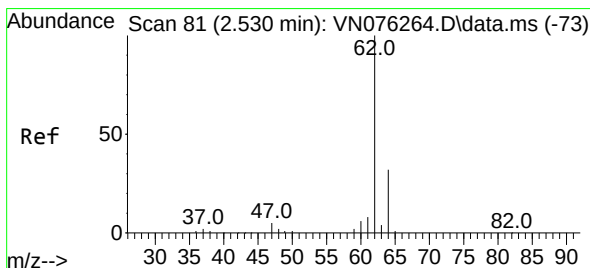
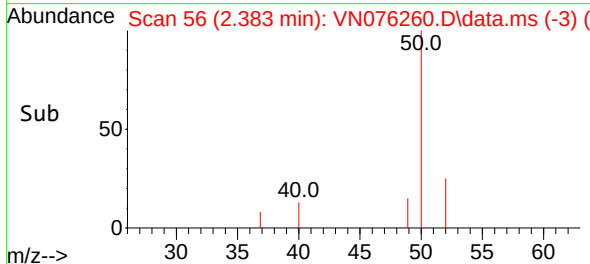
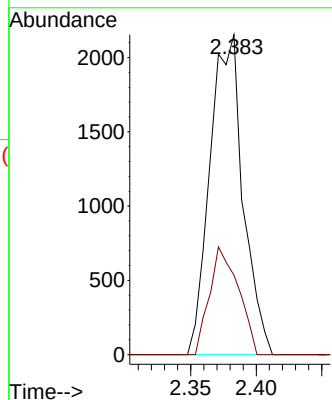
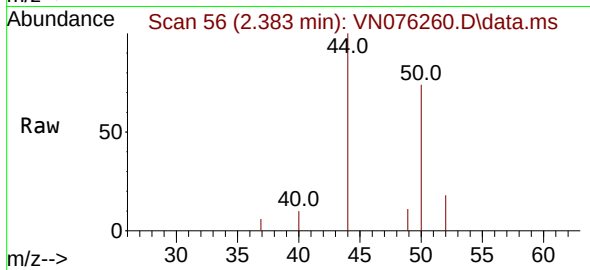
#3
Chloromethane
Concen: 1.358 ug/l
RT: 2.383 min Scan# 50
Delta R.T. 0.012 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 3770
Ion Ratio Lower Upper
50 100
52 24.8 27.7 41.5

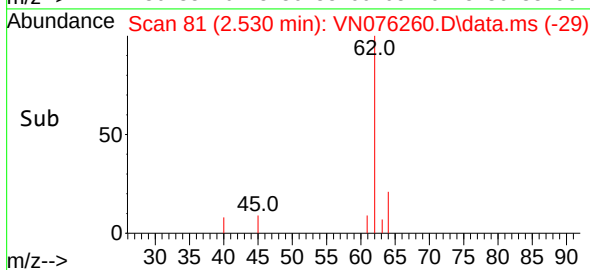
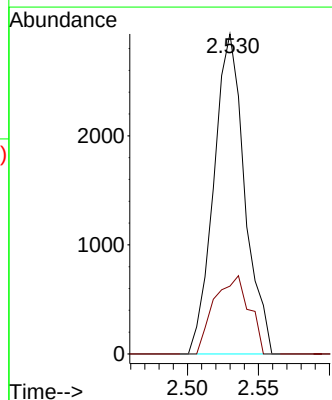
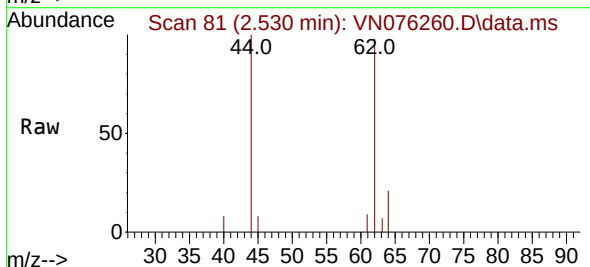
Manual Integrations
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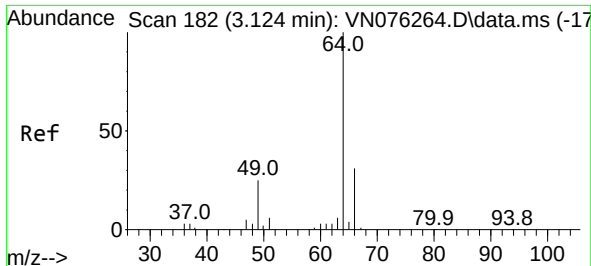
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#4
Vinyl Chloride
Concen: 1.341 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Tgt Ion: 62 Resp: 4450
Ion Ratio Lower Upper
62 100
64 21.2 24.9 37.3





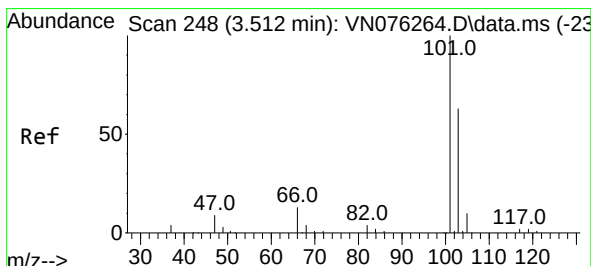
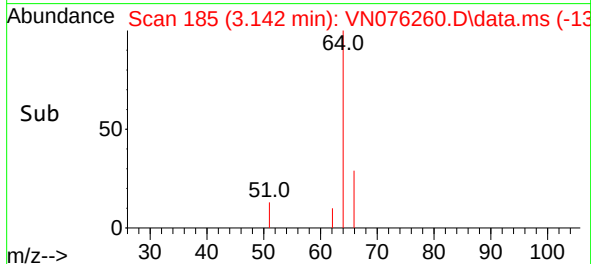
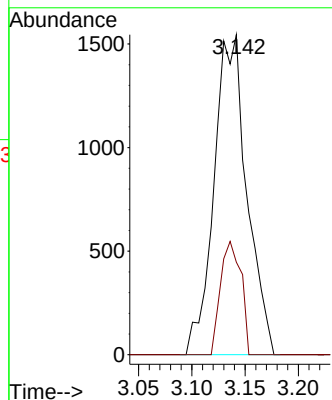
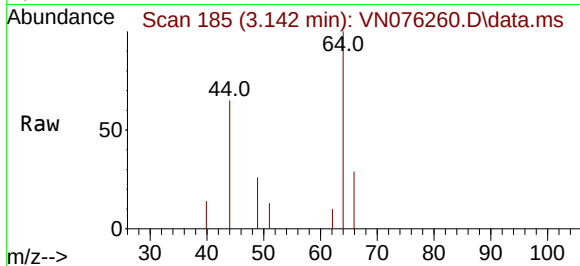
#6
Chloroethane
Concen: 1.351 ug/l
RT: 3.142 min Scan# 185
Delta R.T. 0.024 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 3319
Ion Ratio Lower Upper
64 100
66 28.9 24.6 36.8

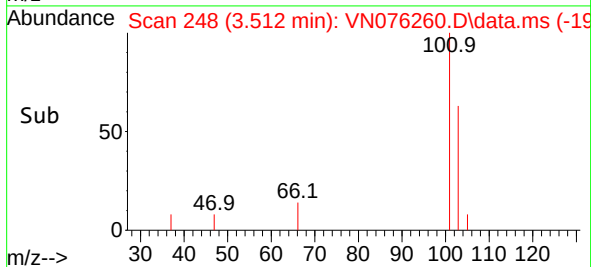
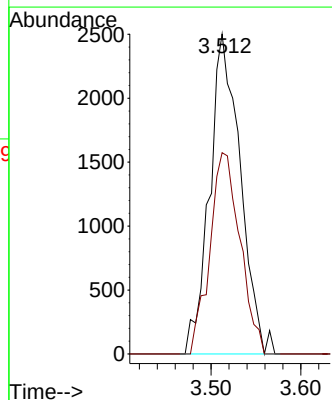
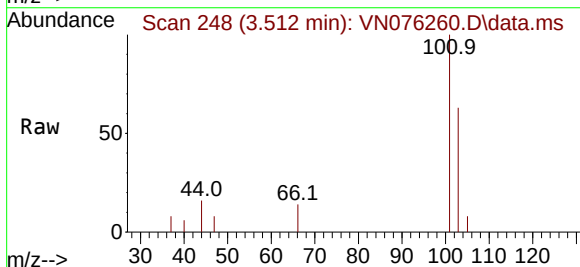
Manual Integrations
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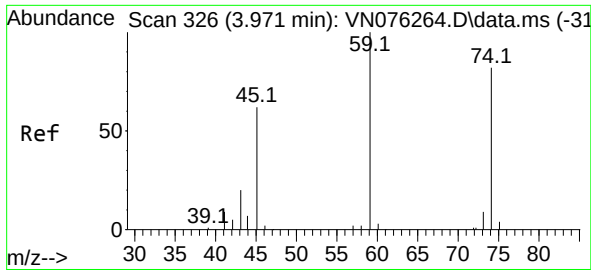
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#7
Trichlorofluoromethane
Concen: 1.180 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.012 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

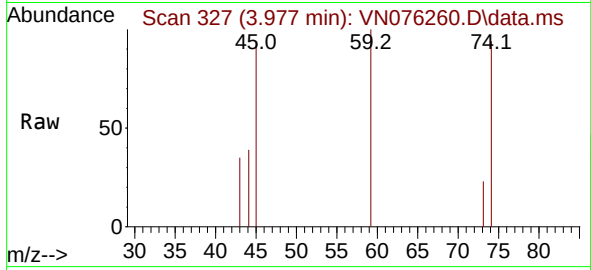
Tgt Ion:101 Resp: 5942
Ion Ratio Lower Upper
101 100
103 62.9 53.4 80.2





#8
Diethyl Ether
Concen: 0.889 ug/l
RT: 3.977 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

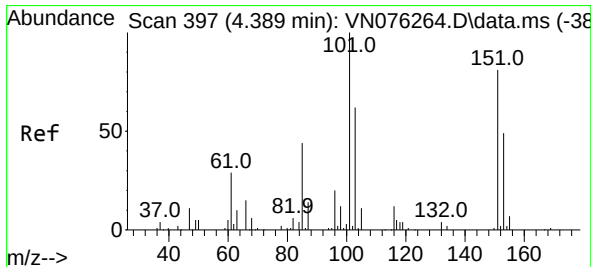
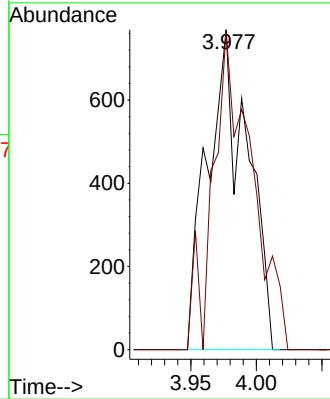
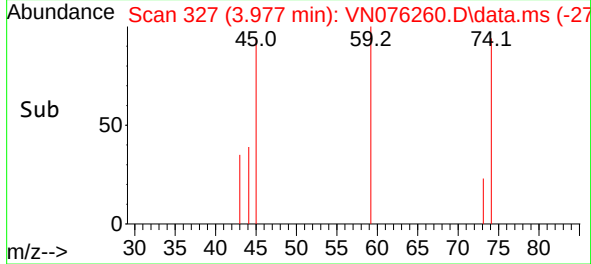
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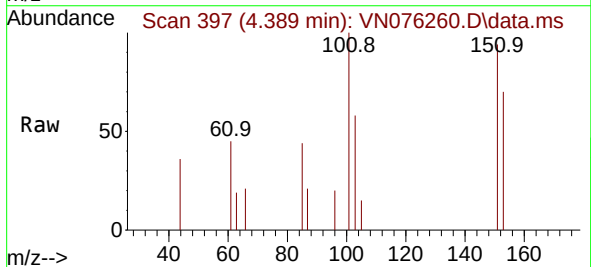
Tgt Ion: 74 Resp: 163
Ion Ratio Lower Upper
74 100
45 96.6 37.8 113.4

Manual Integrations
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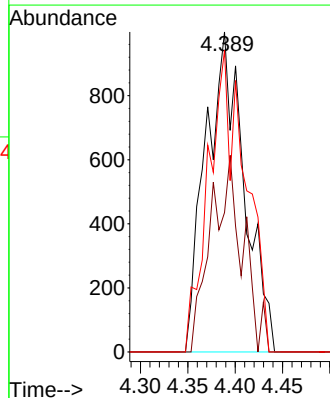
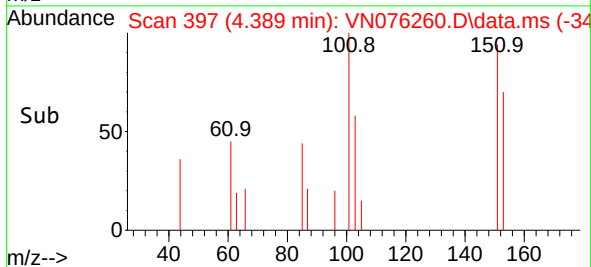
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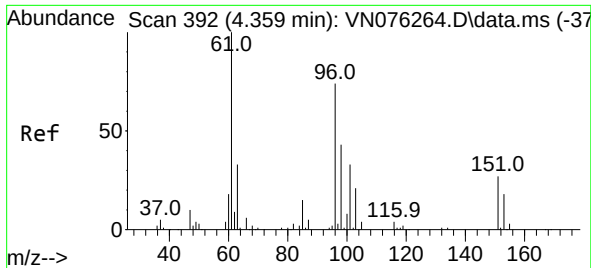


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.985 ug/l
RT: 4.389 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30



Tgt Ion:101 Resp: 2830
Ion Ratio Lower Upper
101 100
85 50.6 35.3 52.9
151 90.1 65.6 98.4





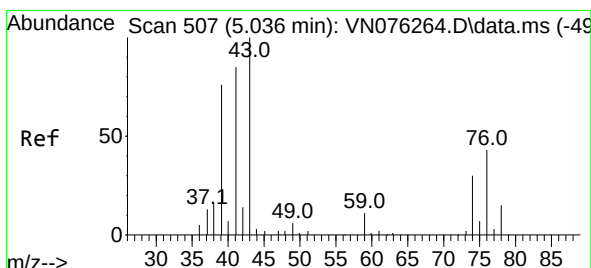
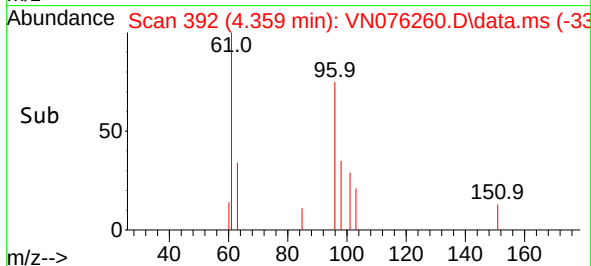
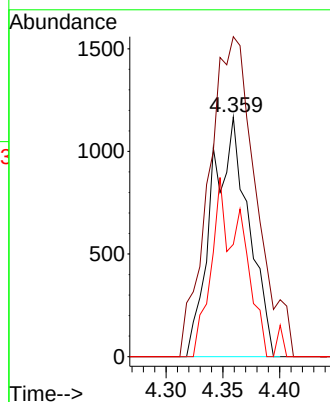
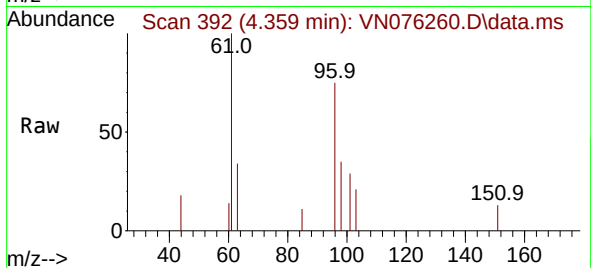
#12
1,1-Dichloroethene
Concen: 0.945 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 2639
Ion Ratio Lower Upper
96 100
61 133.5 113.3 169.9
98 46.8 50.9 76.3

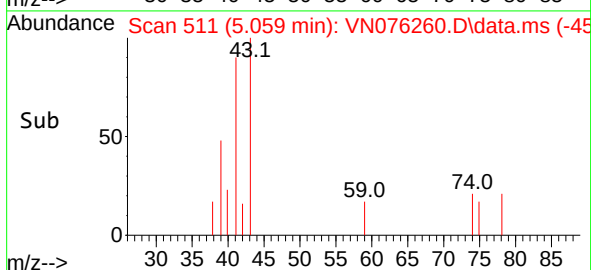
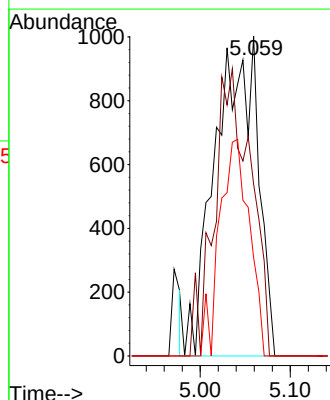
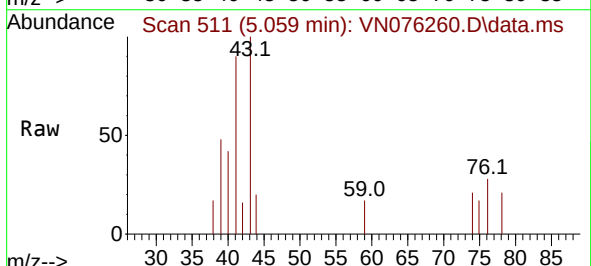
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APPROVED

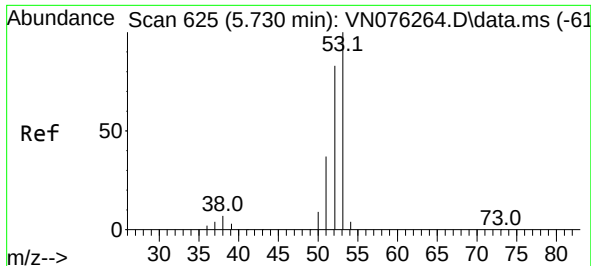
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#14
Allyl chloride
Concen: 1.000 ug/l m
RT: 5.059 min Scan# 511
Delta R.T. 0.024 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

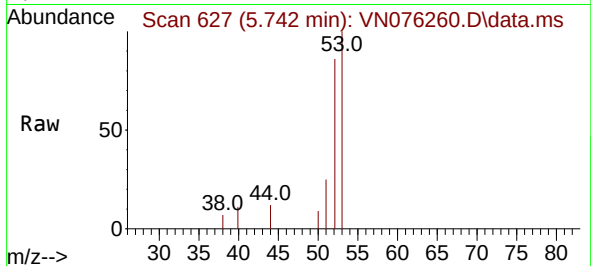
Tgt Ion: 41 Resp: 3262
Ion Ratio Lower Upper
41 100
39 77.8 58.3 87.5
76 47.5 35.8 53.6





#15
Acrylonitrile
Concen: 5.382 ug/l
RT: 5.742 min Scan# 612
Delta R.T. 0.018 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

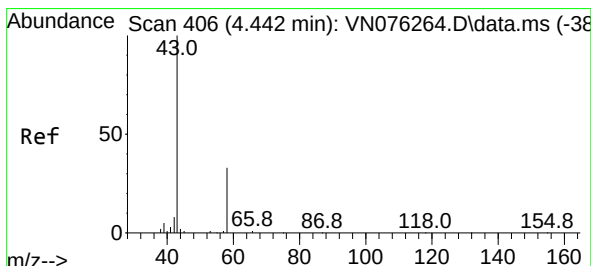
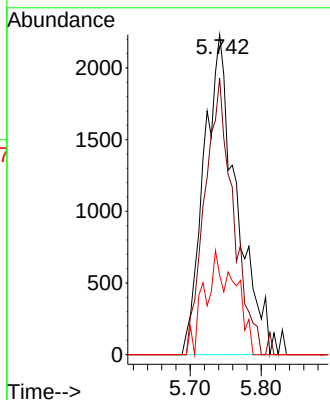
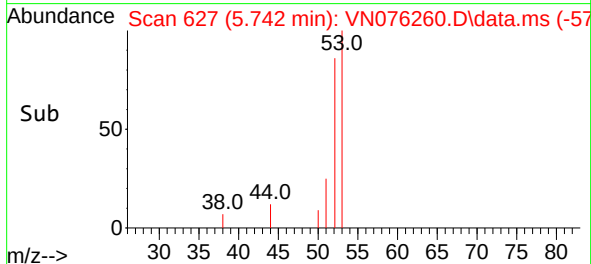
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



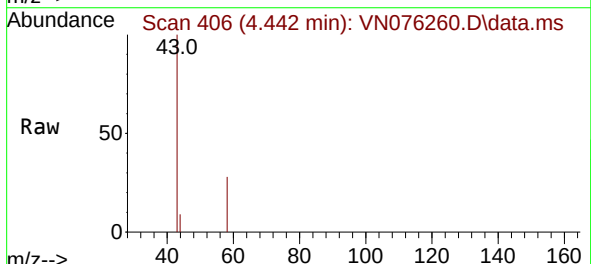
Tgt Ion: 53 Resp: 712
Ion Ratio Lower Upper
53 100
52 75.0 65.4 98.0
51 17.9 28.9 43.3

Manual Integrations
APPROVED

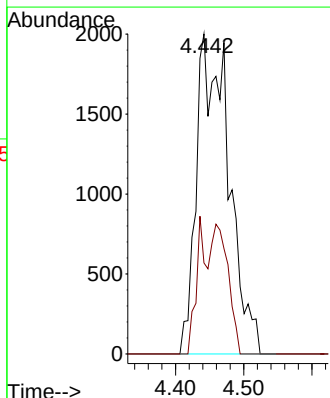
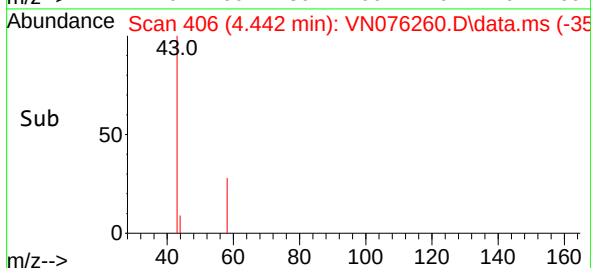
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

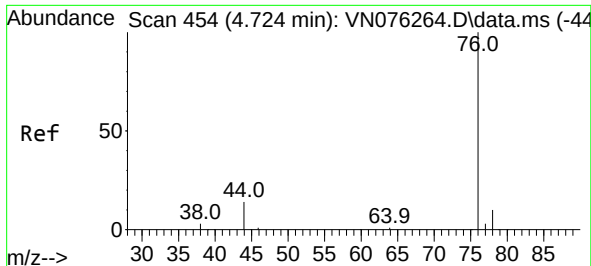


#16
Acetone
Concen: 5.556 ug/l m
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30



Tgt Ion: 43 Resp: 6563
Ion Ratio Lower Upper
43 100
58 28.4 28.6 43.0#





#17

Carbon Disulfide

Concen: 1.133 ug/l

RT: 4.736 min Scan# 454

Delta R.T. 0.018 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 76 Resp: 7658

Ion Ratio Lower Upper

76 100

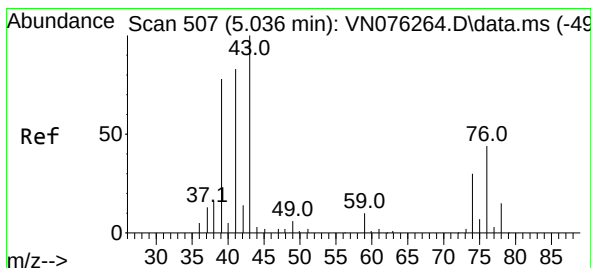
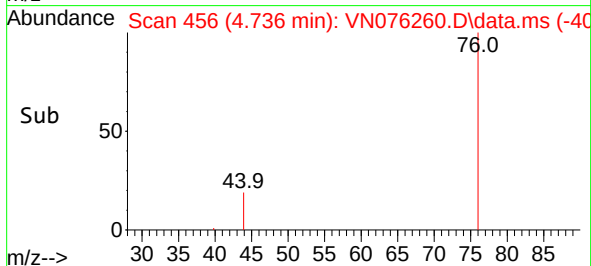
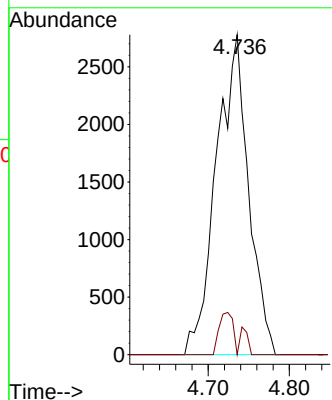
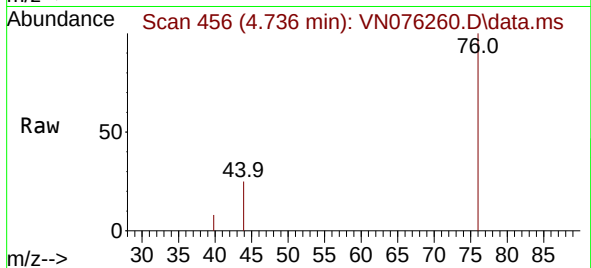
78 0.0 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#18

Methyl Acetate

Concen: 1.157 ug/l m

RT: 5.036 min Scan# 507

Delta R.T. 0.000 min

Lab File: VN076260.D

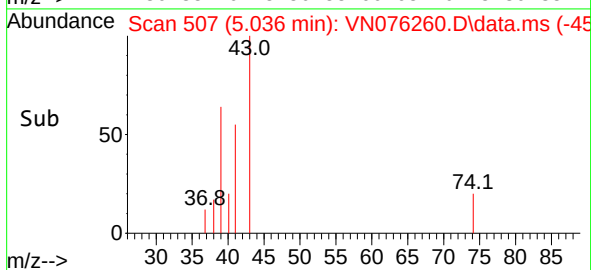
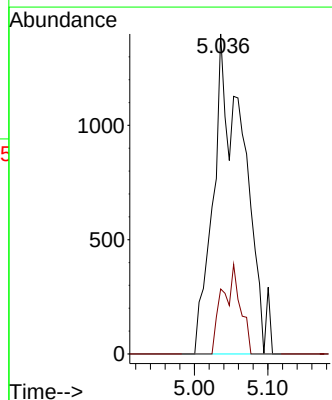
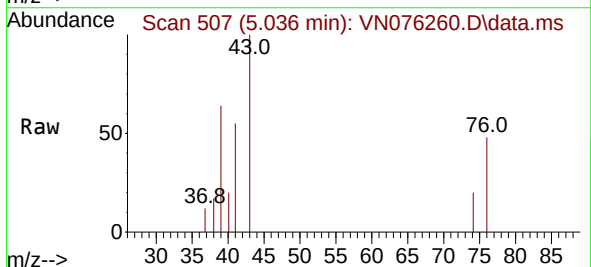
Acq: 16 Jan 2023 10:30

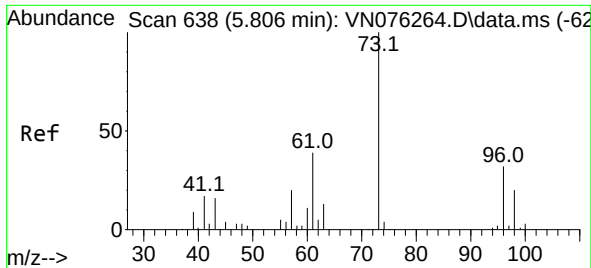
Tgt Ion: 43 Resp: 4040

Ion Ratio Lower Upper

43 100

74 16.4 23.6 35.4





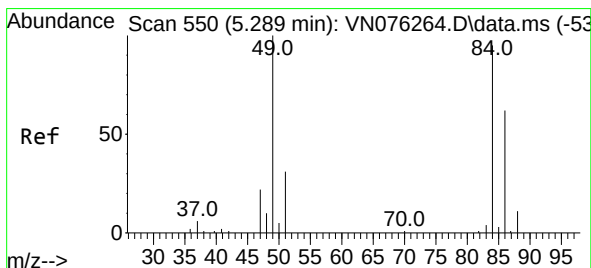
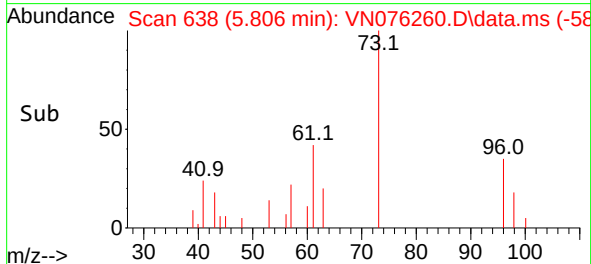
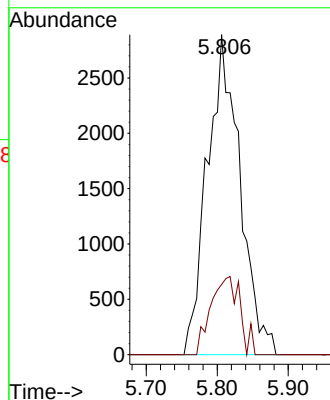
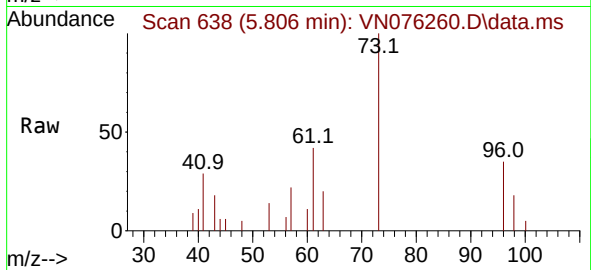
#19
Methyl tert-butyl Ether
Concen: 1.004 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 9228
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7

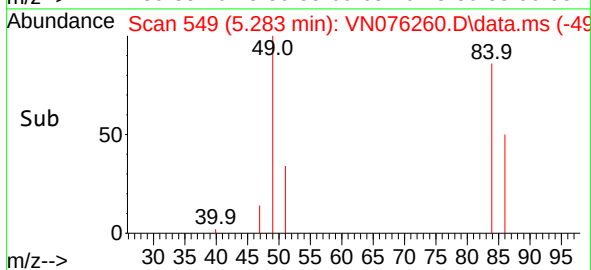
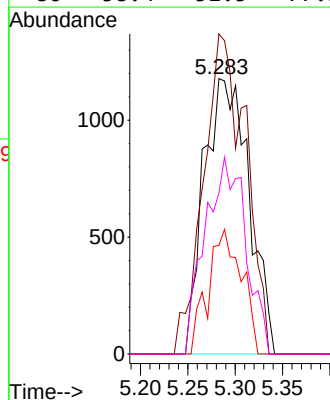
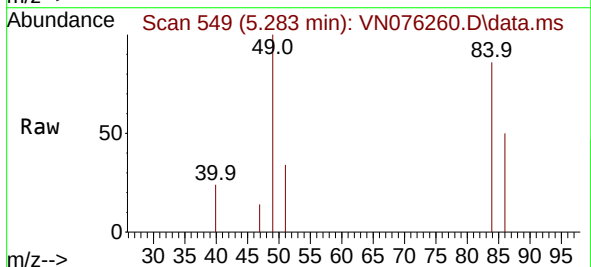
Manual Integrations
APPROVED

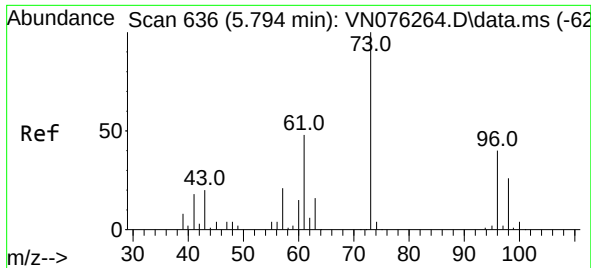
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#20
Methylene Chloride
Concen: 1.072 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Tgt Ion: 84 Resp: 3894
Ion Ratio Lower Upper
84 100
49 116.2 81.8 122.6
51 39.4 26.7 40.1
86 58.4 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 1.121 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

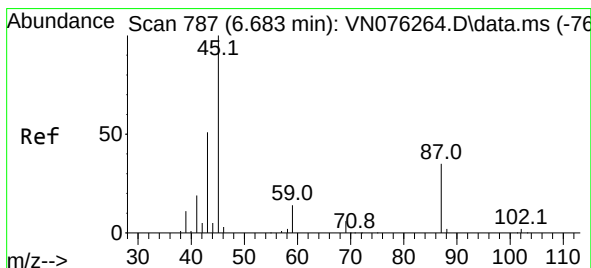
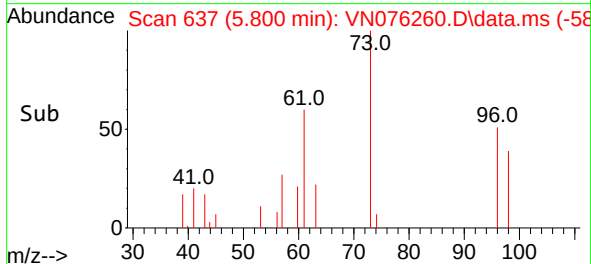
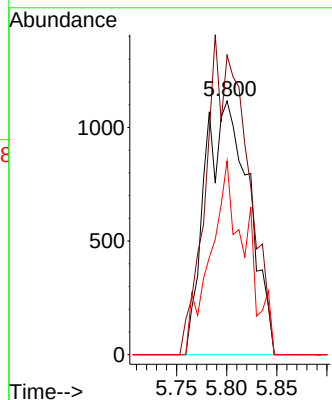
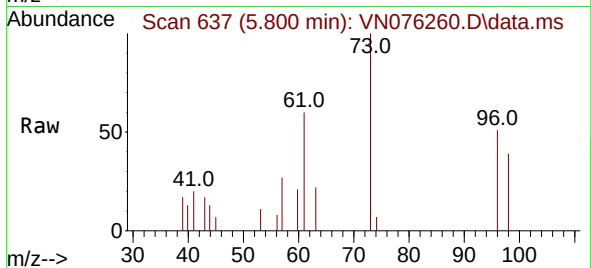
VSTDIC001

Tgt Ion: 96 Resp: 3428
Ion Ratio Lower Upper
96 100
61 118.0 98.1 147.1
98 76.4 51.4 77.2

Manual Integrations

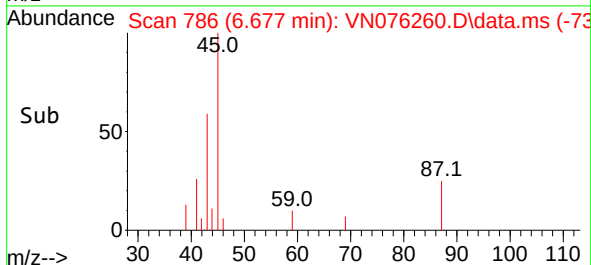
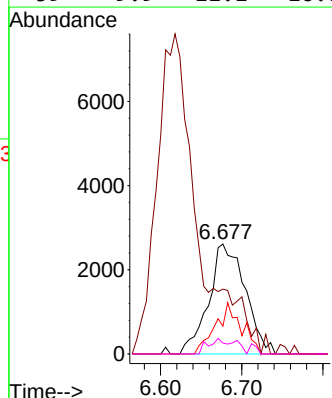
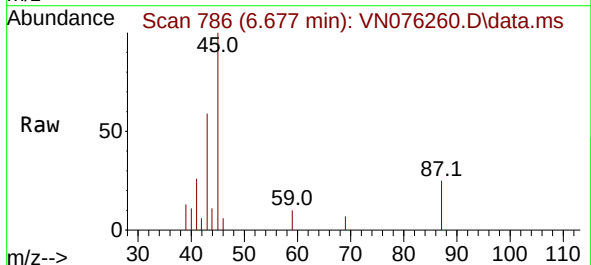
APPROVED

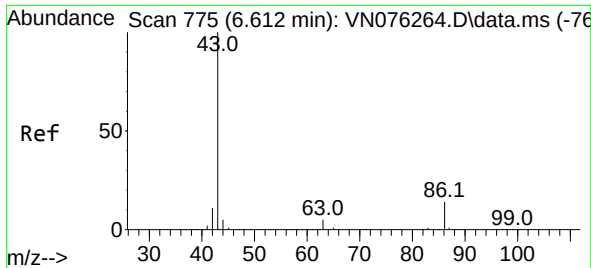
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#22
Diisopropyl ether
Concen: 1.029 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Tgt Ion: 45 Resp: 8154
Ion Ratio Lower Upper
45 100
43 50.4 44.2 66.4
87 25.3 28.3 42.5#
59 9.9 11.1 16.7#





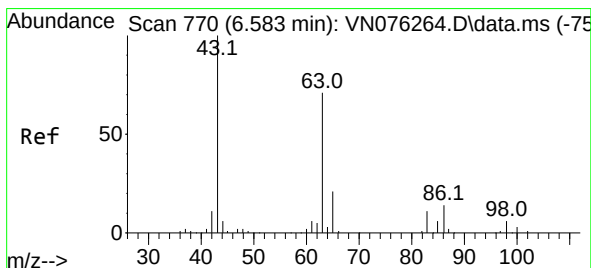
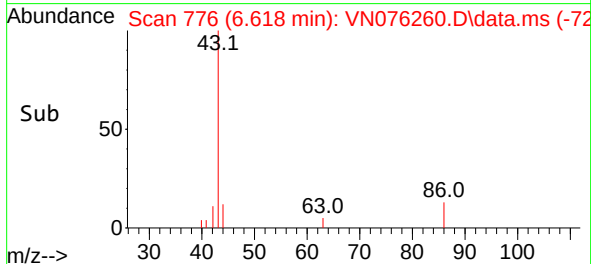
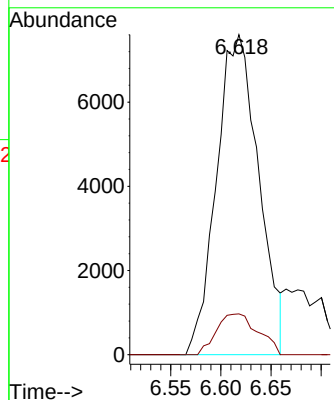
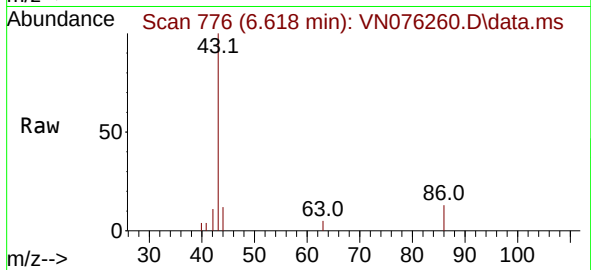
#23
 Vinyl Acetate
 Concen: 4.165 ug/l
 RT: 6.618 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN076260.D
 Acq: 16 Jan 2023 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 22224
 Ion Ratio Lower Upper
 43 100
 86 12.7 11.4 17.2

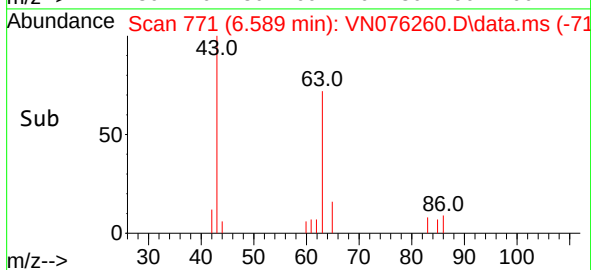
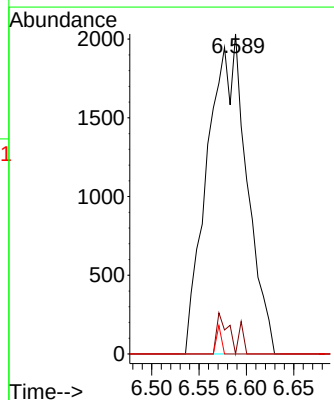
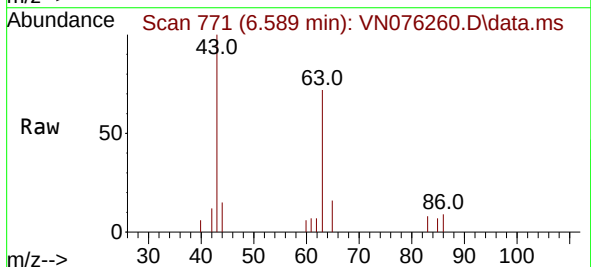
Manual Integrations
 APPROVED

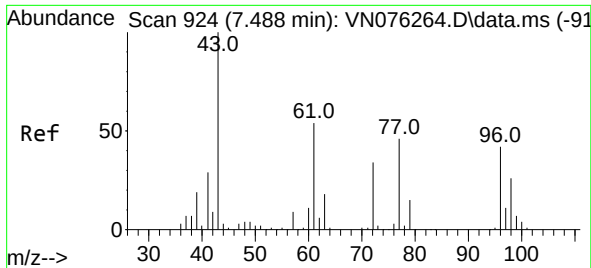
Reviewed By :John Carlone 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#24
 1,1-Dichloroethane
 Concen: 1.103 ug/l
 RT: 6.589 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VN076260.D
 Acq: 16 Jan 2023 10:30

Tgt Ion: 63 Resp: 5833
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.5#
 100 0.0 2.5 7.6#





#25

2-Butanone

Concen: 4.980 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 43 Resp: 823

Ion Ratio Lower Upper

43 100

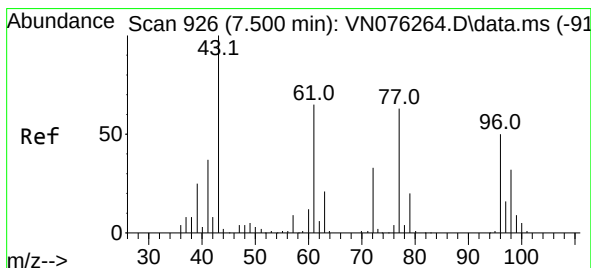
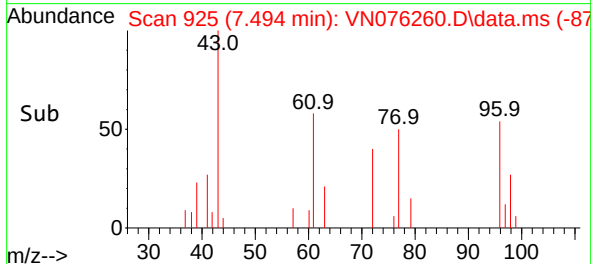
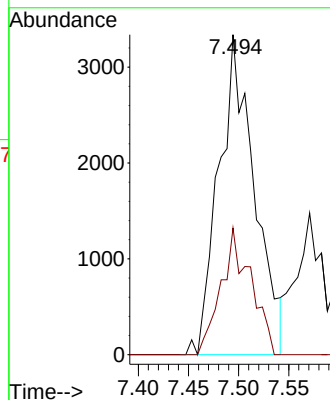
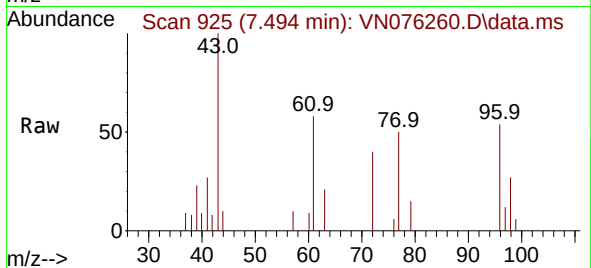
72 39.6 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#26

2,2-Dichloropropane

Concen: 1.137 ug/l

RT: 7.488 min Scan# 924

Delta R.T. -0.006 min

Lab File: VN076260.D

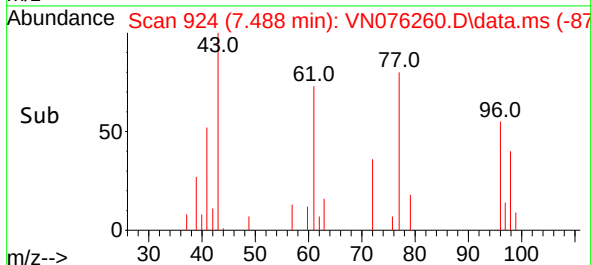
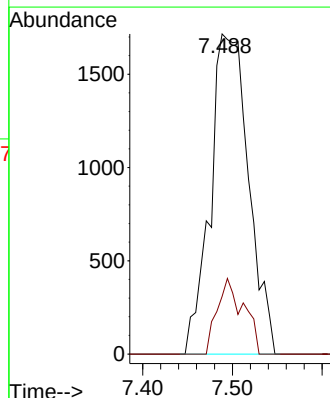
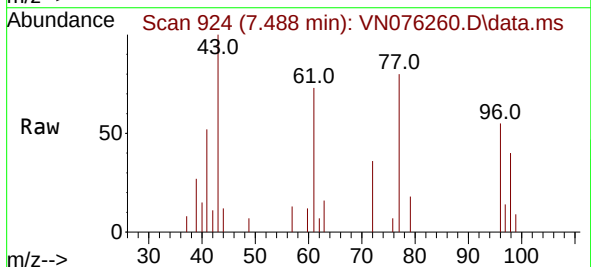
Acq: 16 Jan 2023 10:30

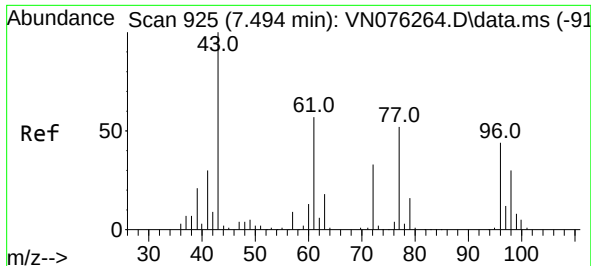
Tgt Ion: 77 Resp: 5092

Ion Ratio Lower Upper

77 100

97 16.3 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 1.065 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

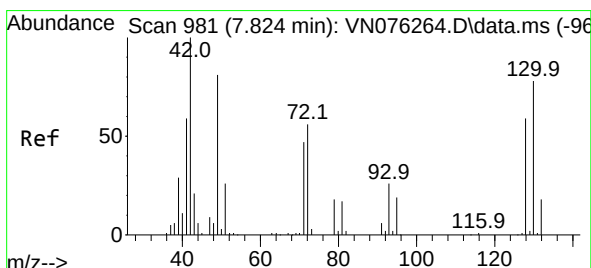
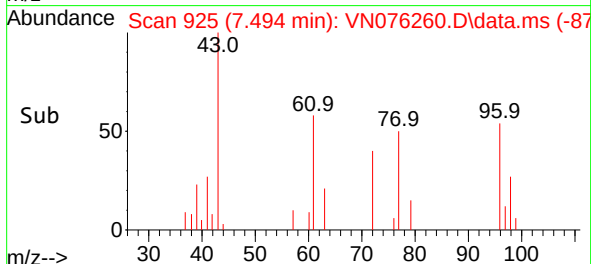
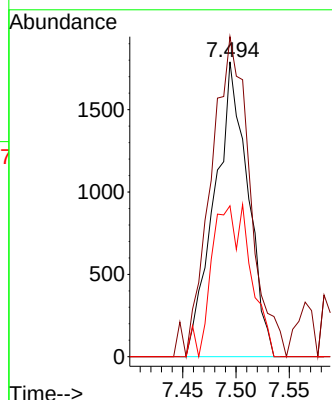
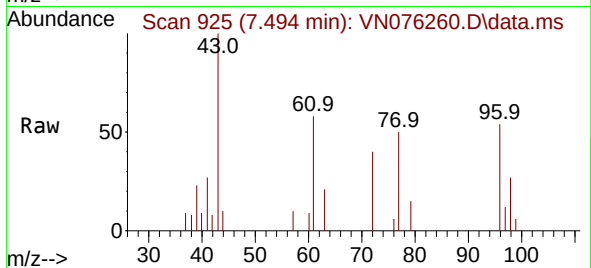
Tgt Ion: 96 Resp: 3894
 Ion Ratio Lower Upper
 96 100
 61 128.1 0.0 247.8
 98 60.0 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#28

Bromochloromethane

Concen: 0.997 ug/l

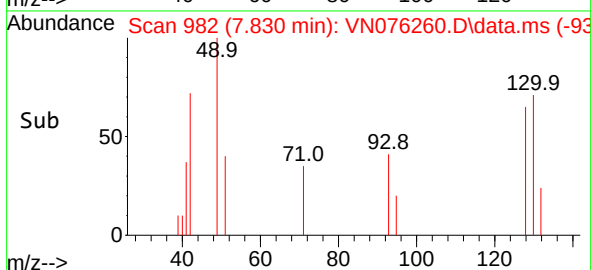
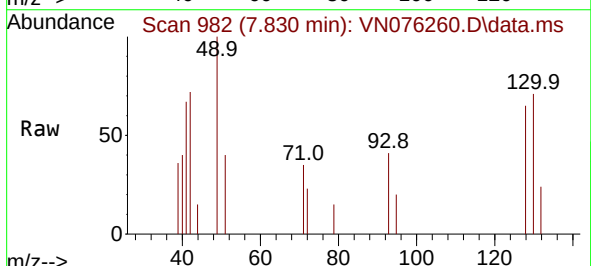
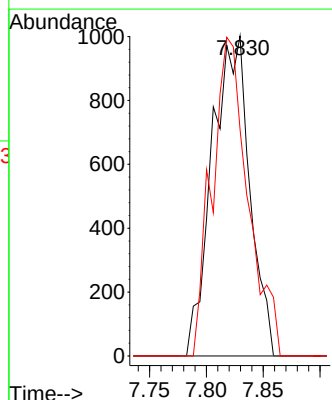
RT: 7.830 min Scan# 982

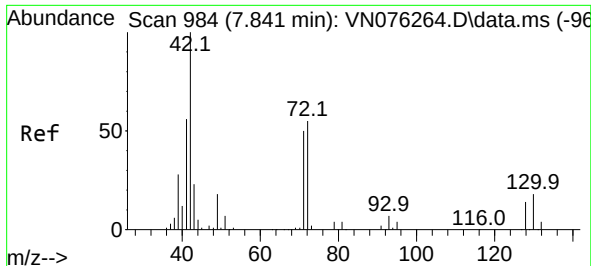
Delta R.T. 0.006 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Tgt Ion: 49 Resp: 2310
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.0
 130 95.1 77.0 115.4





#29

Tetrahydrofuran

Concen: 4.557 ug/l

RT: 7.853 min Scan# 986

Delta R.T. 0.012 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

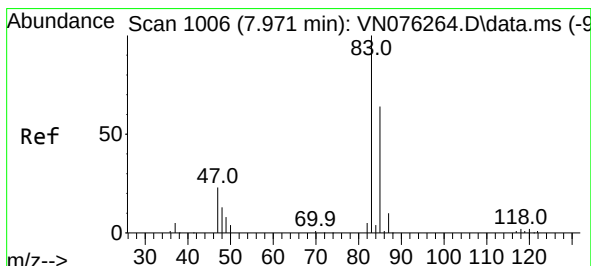
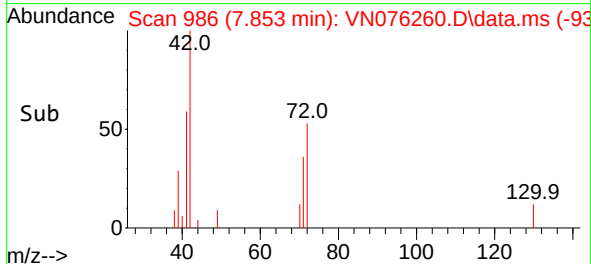
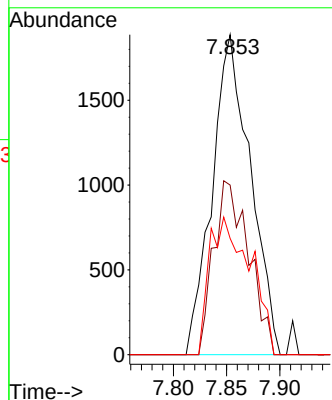
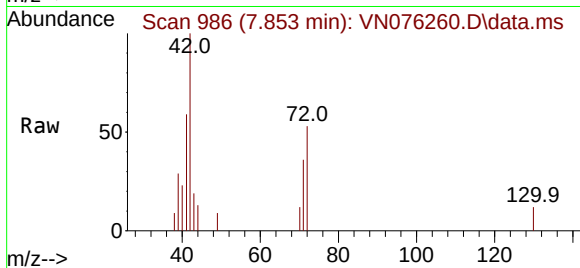
Tgt Ion:	42	Resp:	472
Ion Ratio	Lower	Upper	
42	100		
72	49.6	44.5	66.7
71	45.7	41.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#30

Chloroform

Concen: 1.205 ug/l

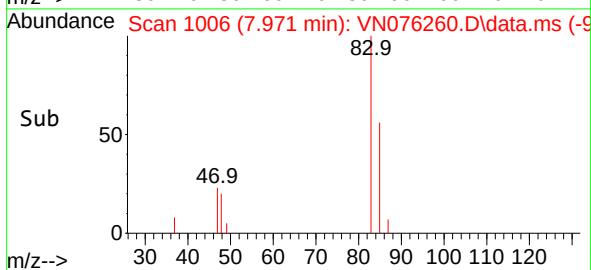
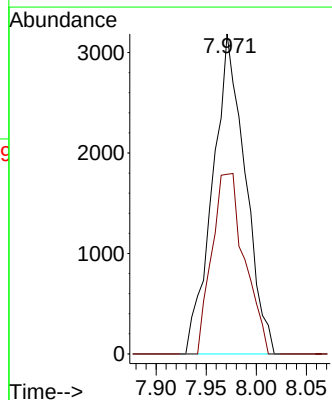
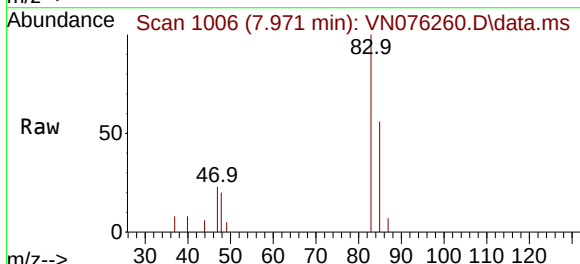
RT: 7.971 min Scan# 1006

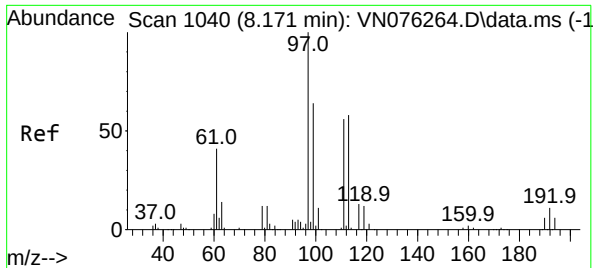
Delta R.T. 0.000 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Tgt Ion:	83	Resp:	7173
Ion Ratio	Lower	Upper	
83	100		
85	56.1	49.1	73.7





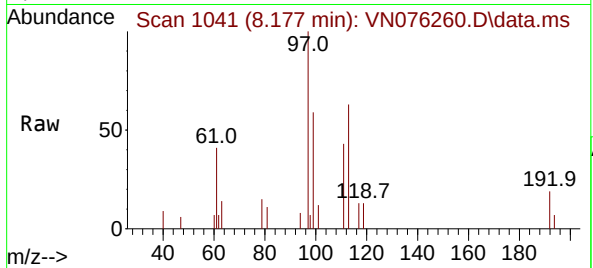
#32
 1,1,1-Trichloroethane
 Concen: 1.026 ug/l
 RT: 8.177 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VN076260.D
 Acq: 16 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001



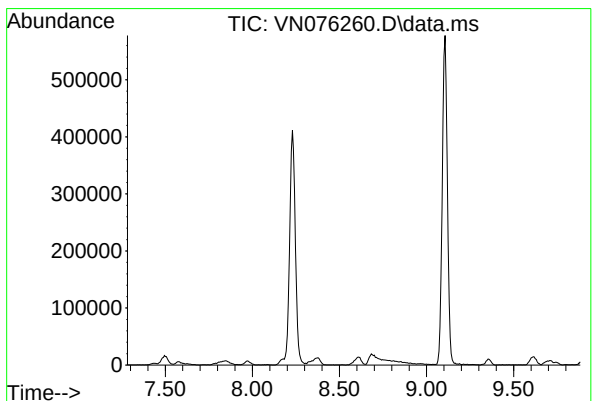
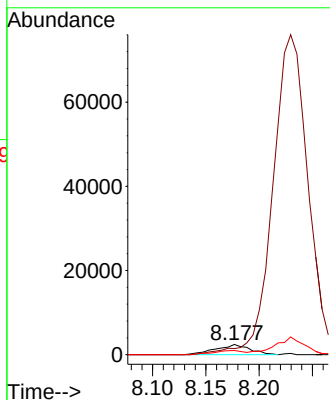
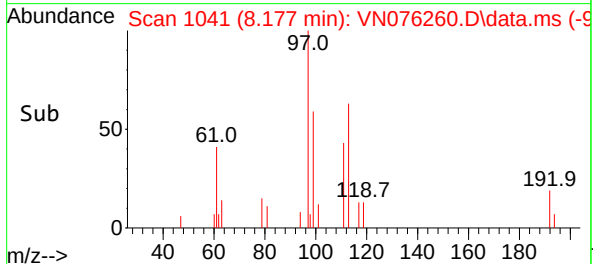
Tgt Ion: 97 Resp: 541
 Ion Ratio Lower Upper
 97 100
 99 0.0 50.2 75.2
 61 35.8 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

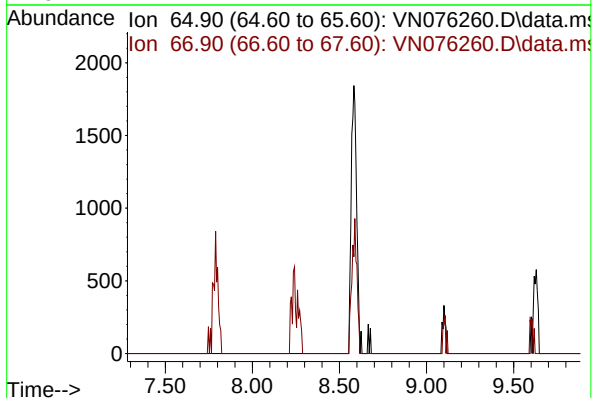
Supervised By :Mahesh Dadoda 01/17/2023

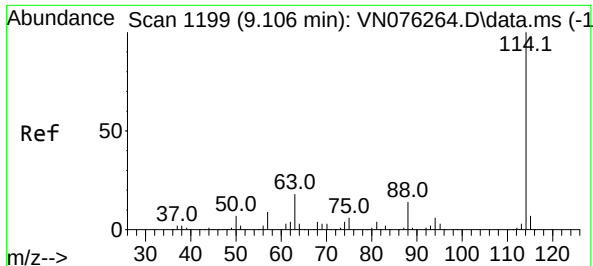


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.58 min

Lab File: VN076260.D
 Acq: 16 Jan 2023 10:30

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 51.7





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 52769

Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.4

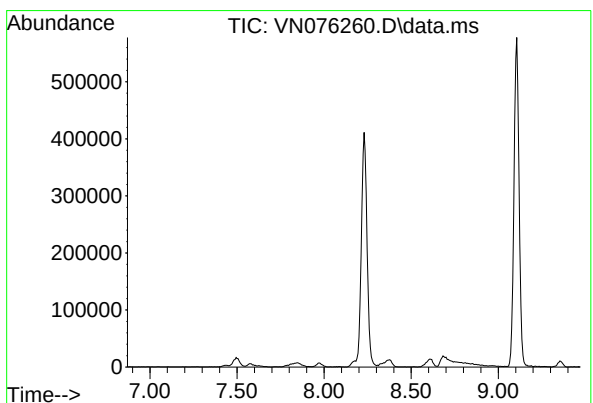
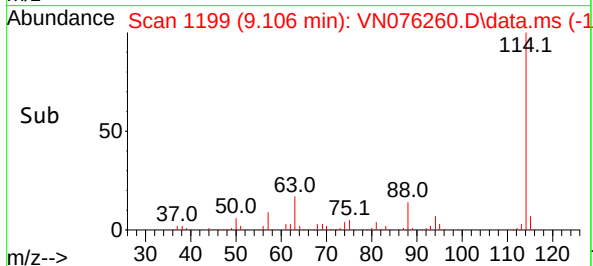
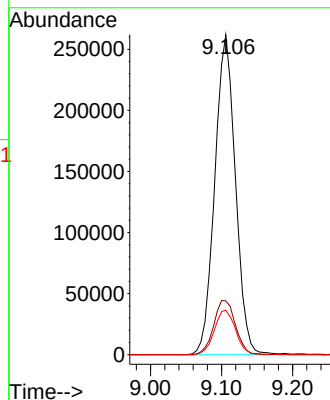
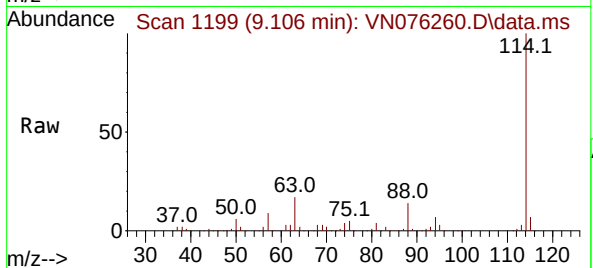
88 13.9 0.0 28.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.17 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

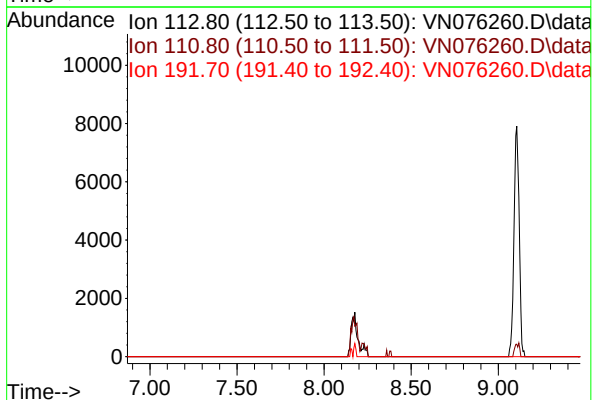
Tgt Ion: 113

Sig Exp Ratio

113 100

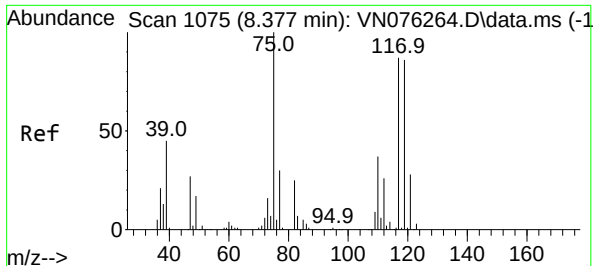
111 104.3

192 20.1



Ion 110.80 (110.50 to 111.50): VN076260.D\data.ms

Ion 191.70 (191.40 to 192.40): VN076260.D\data.ms



#36

1,1-Dichloropropene

Concen: 1.073 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

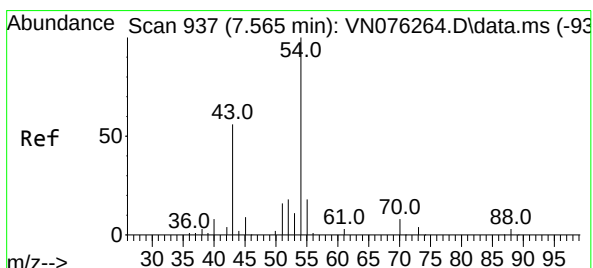
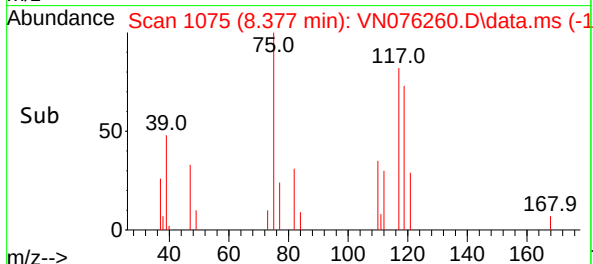
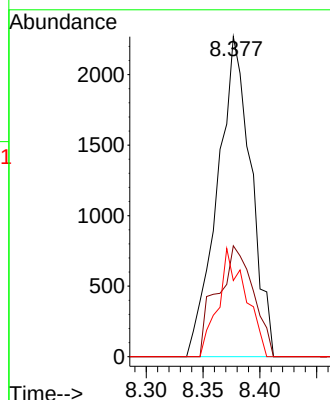
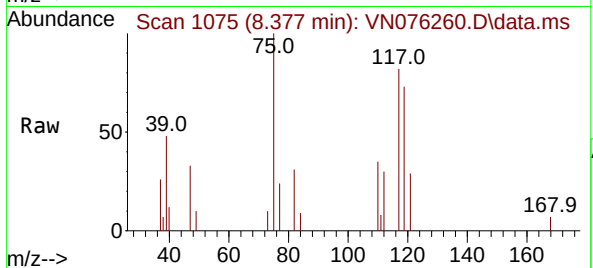
Tgt Ion:	75	Resp:	4660
Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.8	56.4
77	27.7	24.1	36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#37

Ethyl Acetate

Concen: 0.892 ug/l

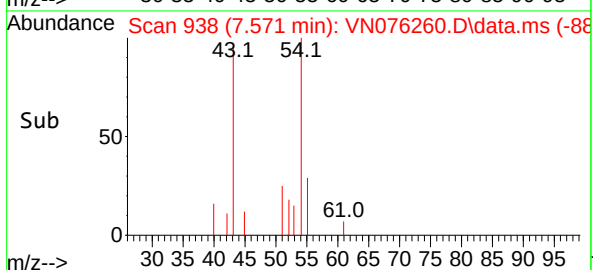
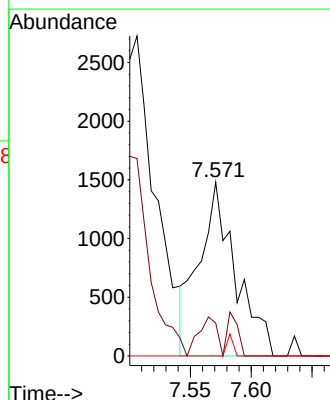
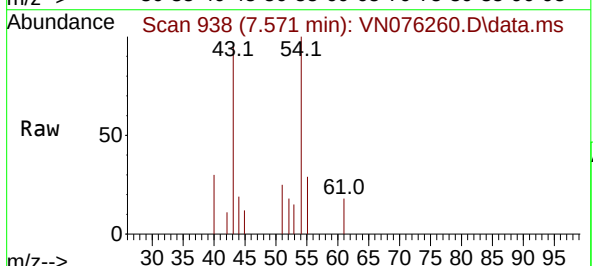
RT: 7.571 min Scan# 938

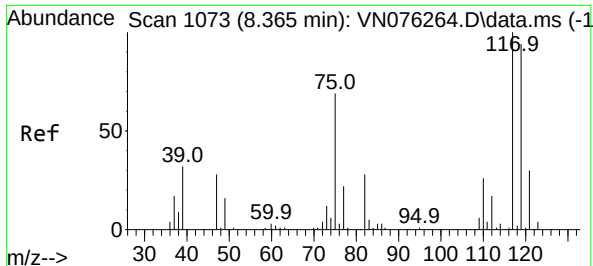
Delta R.T. 0.006 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

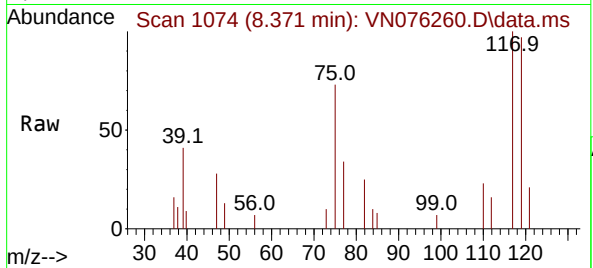
Tgt Ion:	43	Resp:	3110
Ion	Ratio	Lower	Upper
43	100		
61	11.3	13.0	19.4#
70	0.0	9.4	14.0#





#38
Carbon Tetrachloride
Concen: 1.054 ug/l
RT: 8.371 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

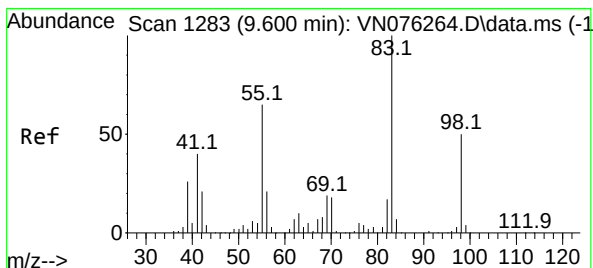
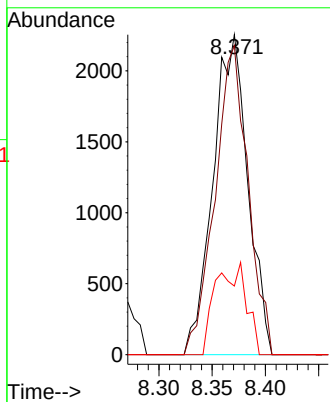
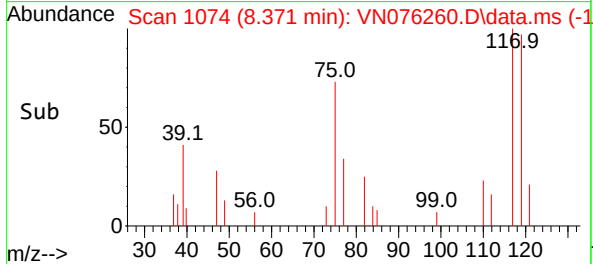
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 512
Ion Ratio Lower Upper
117 100
119 96.6 76.1 114.1
121 21.5 24.5 36.7

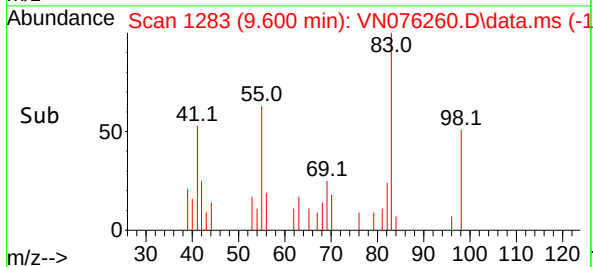
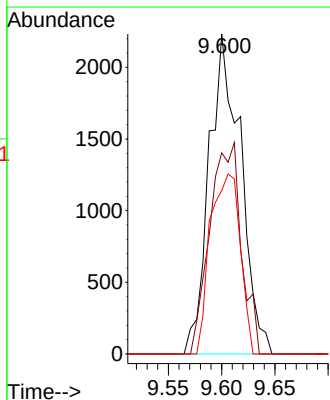
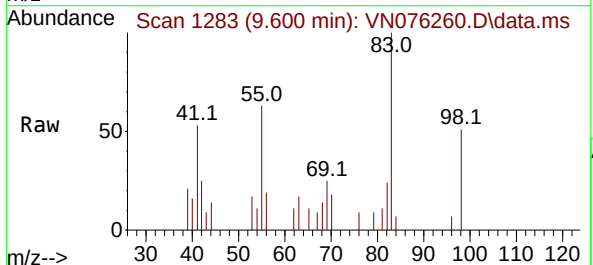
Manual Integrations
APPROVED

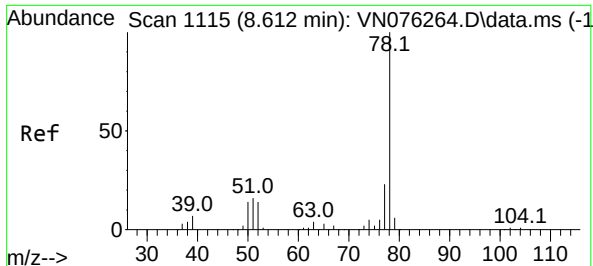
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#39
Methylcyclohexane
Concen: 0.878 ug/l
RT: 9.600 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Tgt Ion: 83 Resp: 4596
Ion Ratio Lower Upper
83 100
55 62.9 51.4 77.0
98 51.1 39.8 59.8





#40

Benzene

Concen: 1.000 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 78 Resp: 13394

Ion Ratio Lower Upper

78 100

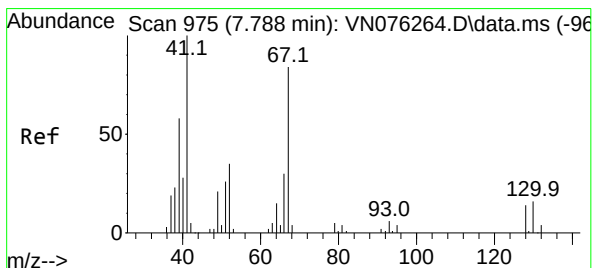
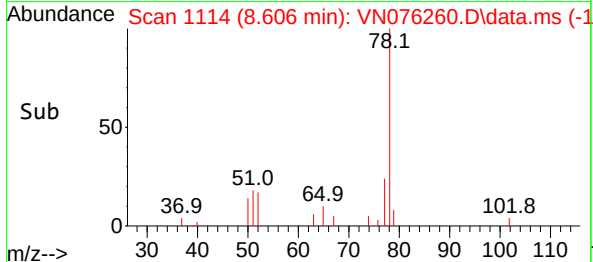
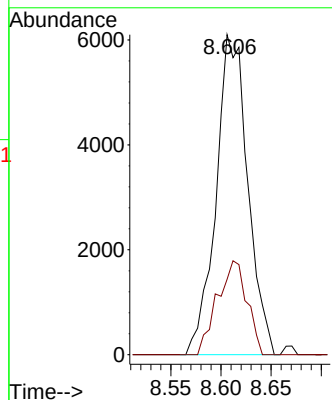
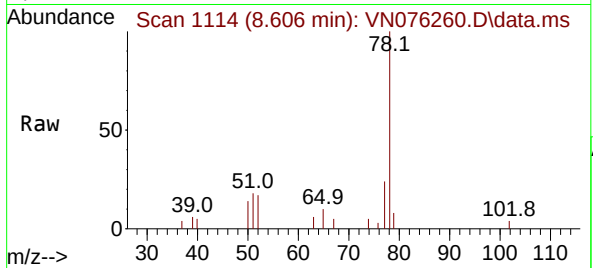
77 23.6 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#41

Methacrylonitrile

Concen: 0.878 ug/l

RT: 7.788 min Scan# 975

Delta R.T. 0.006 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Tgt Ion: 41 Resp: 1591

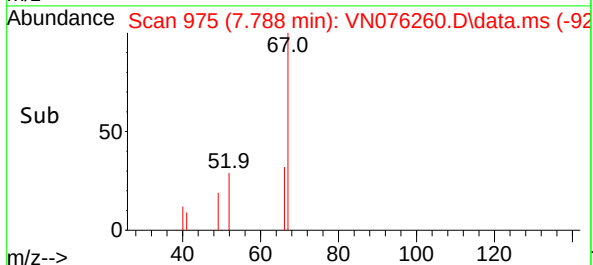
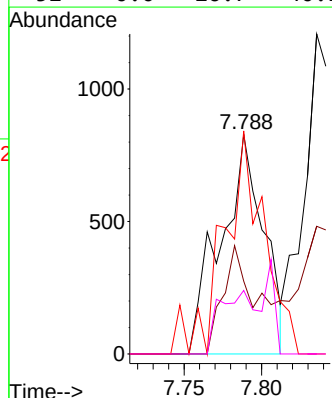
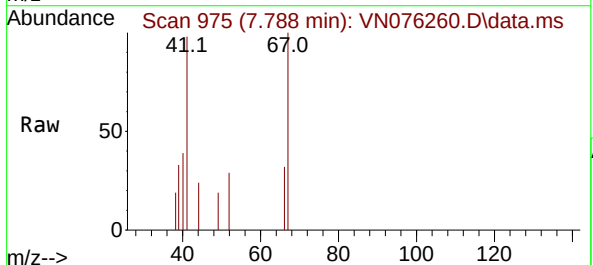
Ion Ratio Lower Upper

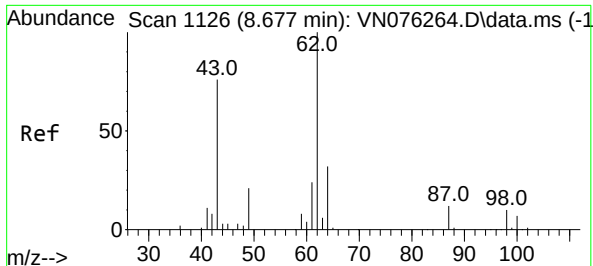
41 100

39 37.3 43.1 64.7#

67 92.5 70.7 106.1

52 0.0 26.7 40.1#





#42

1,2-Dichloroethane

Concen: 1.104 ug/l

RT: 8.683 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

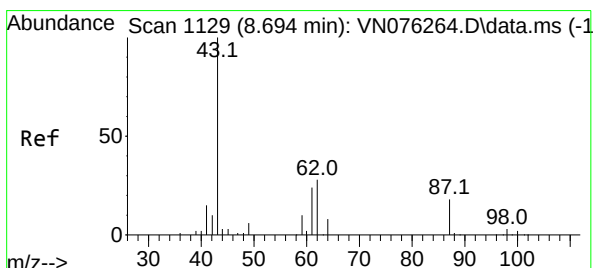
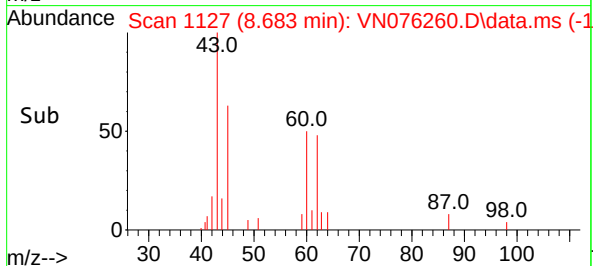
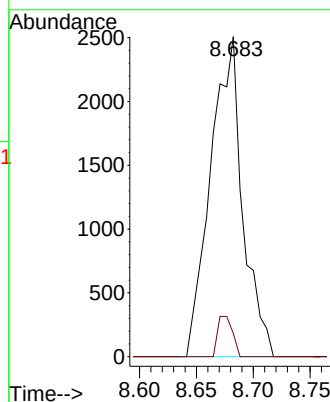
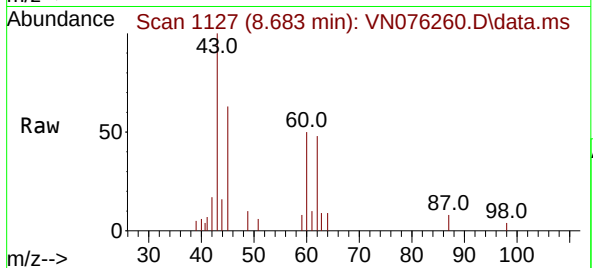
Tgt Ion: 62 Resp: 4910
 Ion Ratio Lower Upper
 62 100
 98 5.8 0.0 20.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#43

Isopropyl Acetate

Concen: 3.047 ug/l m

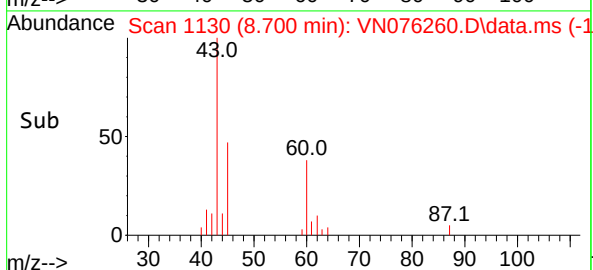
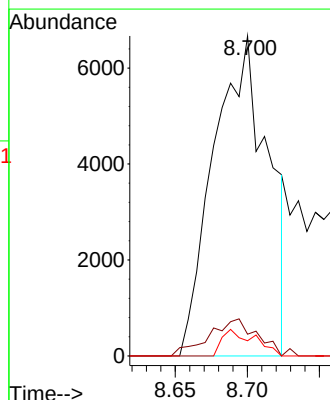
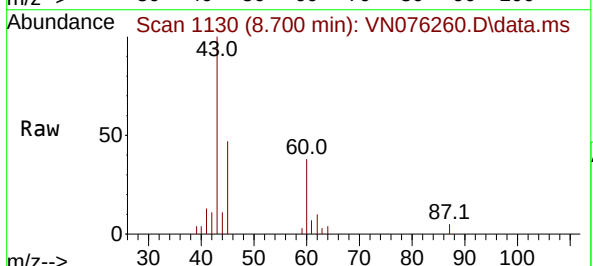
RT: 8.700 min Scan# 1130

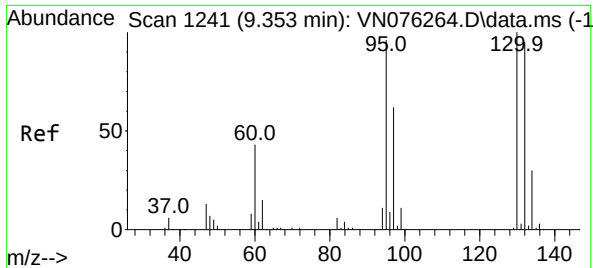
Delta R.T. 0.006 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Tgt Ion: 43 Resp: 17528
 Ion Ratio Lower Upper
 43 100
 61 10.4 24.2 36.4#
 87 4.9 13.3 19.9#





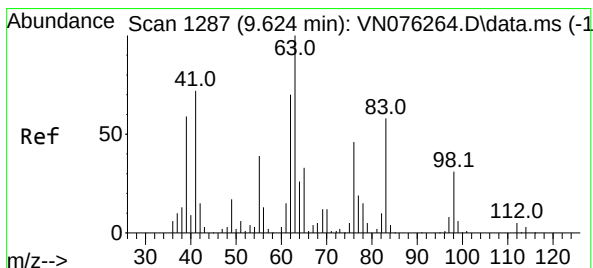
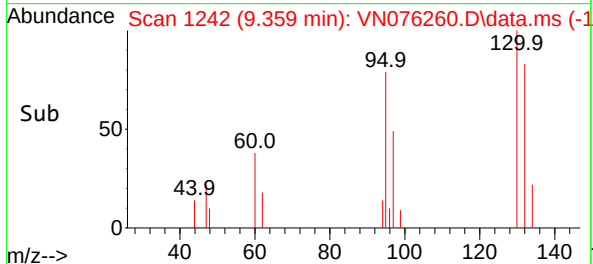
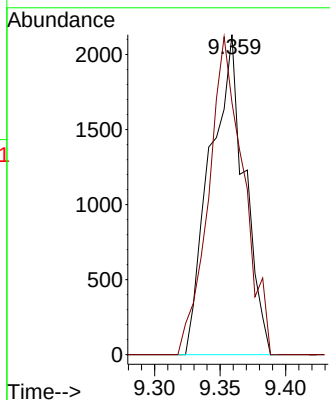
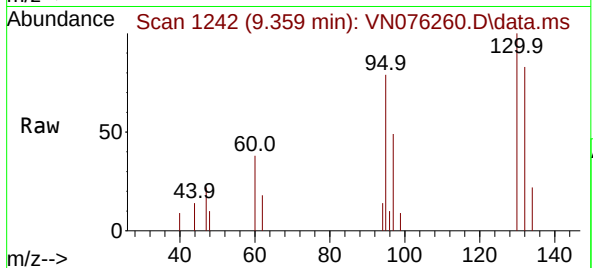
#44
Trichloroethene
Concen: 1.033 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:130 Resp: 389
Ion Ratio Lower Upper
130 100
95 78.8 0.0 195.4

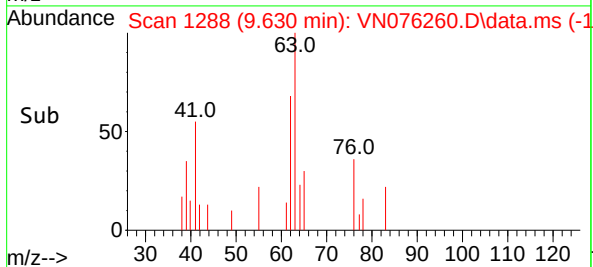
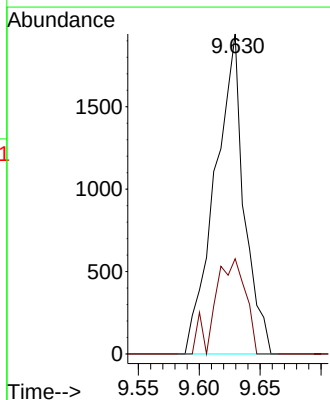
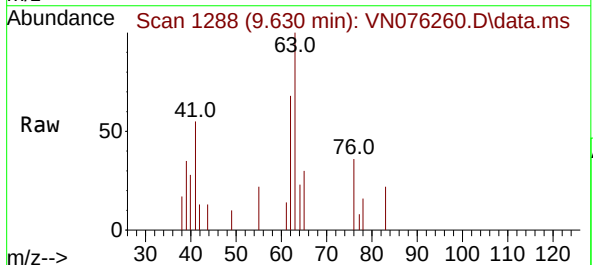
Manual Integrations
APPROVED

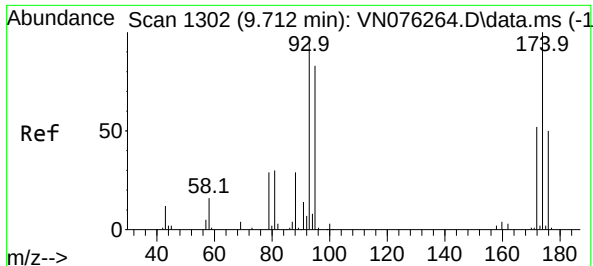
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#45
1,2-Dichloropropane
Concen: 0.993 ug/l
RT: 9.630 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

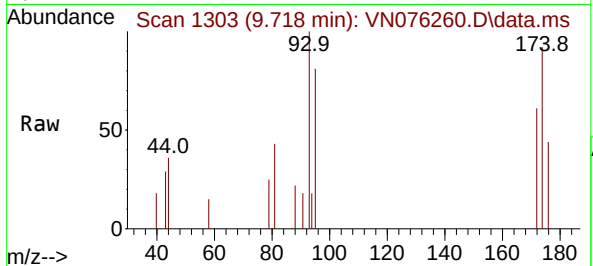
Tgt Ion: 63 Resp: 3235
Ion Ratio Lower Upper
63 100
65 29.8 25.7 38.5





#46
Dibromomethane
Concen: 0.994 ug/l
RT: 9.718 min Scan# 1303
Delta R.T. 0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

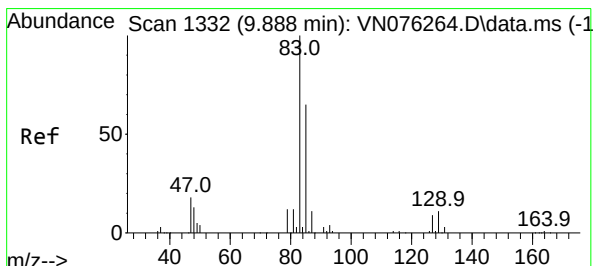
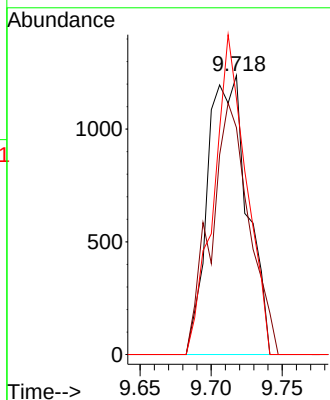
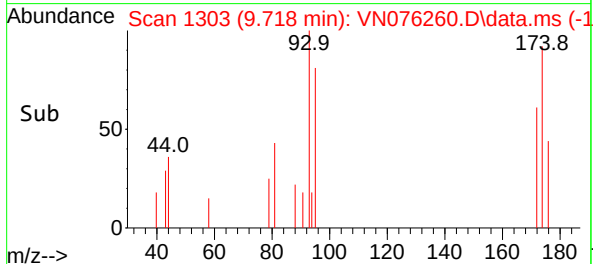
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



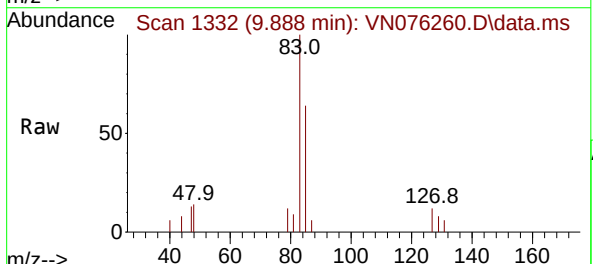
Tgt Ion: 93 Resp: 240
Ion Ratio Lower Upper
93 100
95 86.8 65.2 97.8
174 94.5 82.4 123.6

Manual Integrations
APPROVED

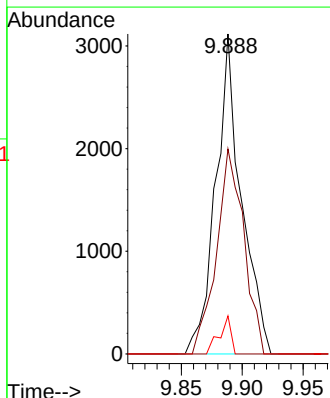
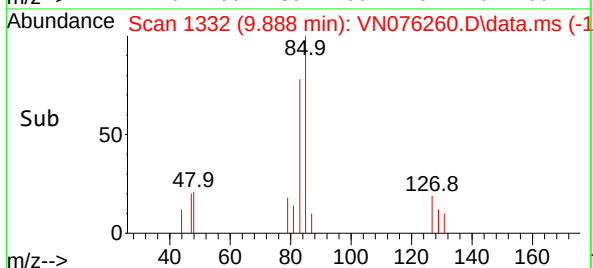
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

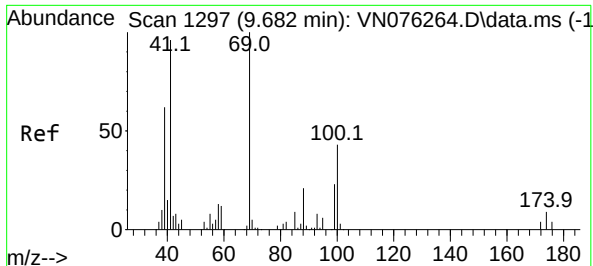


#47
Bromodichloromethane
Concen: 0.965 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30



Tgt Ion: 83 Resp: 4573
Ion Ratio Lower Upper
83 100
85 64.1 51.5 77.3
127 11.9 6.6 10.0





#48

Methyl methacrylate

Concen: 0.897 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

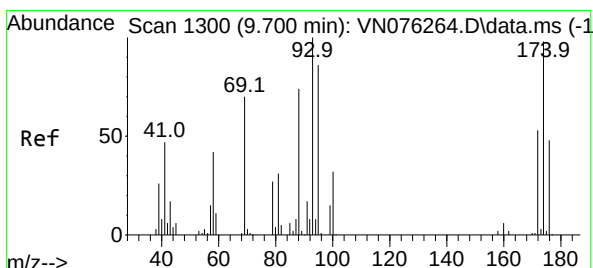
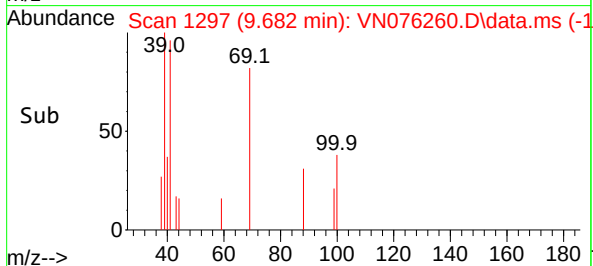
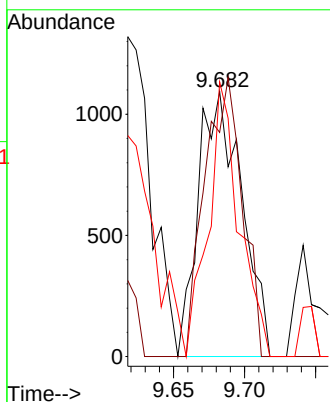
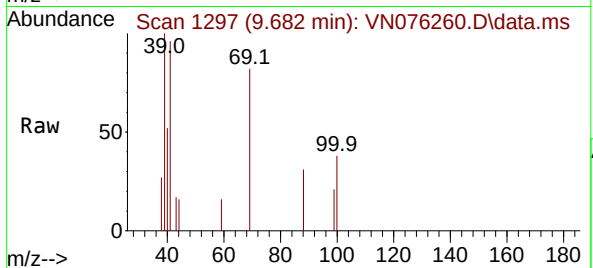
Tgt Ion: 41	Resp: 232
Ion Ratio	Lower Upper
41 100	
69 91.1	81.9 122.9
39 73.7	51.6 77.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#49

1,4-Dioxane

Concen: 15.246 ug/l

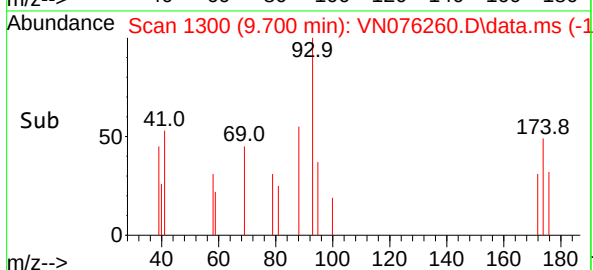
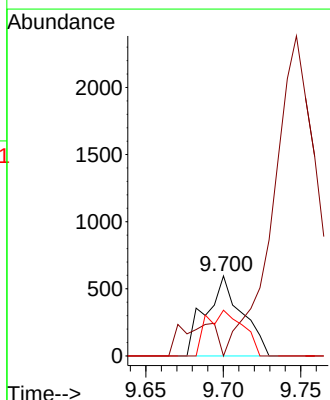
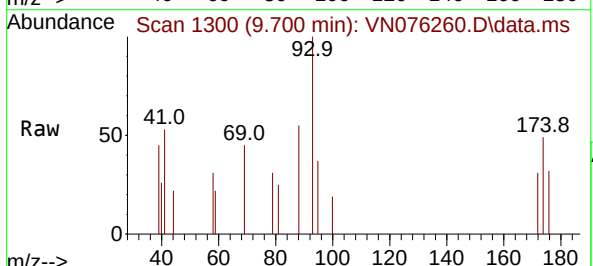
RT: 9.700 min Scan# 1300

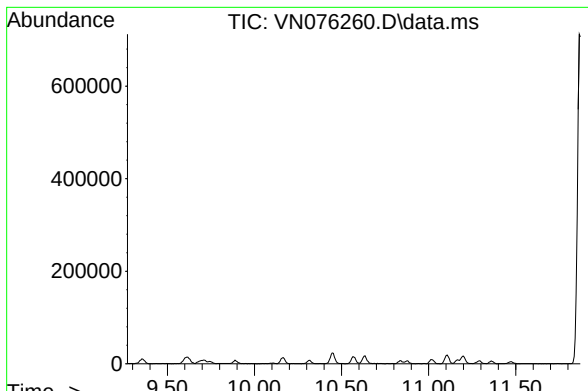
Delta R.T. 0.000 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Tgt Ion: 88	Resp: 971
Ion Ratio	Lower Upper
88 100	
43 38.9	17.1 25.7#
58 57.0	47.8 71.8

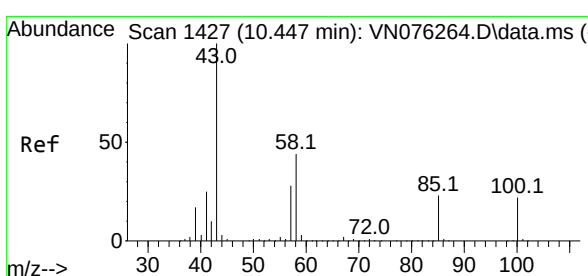
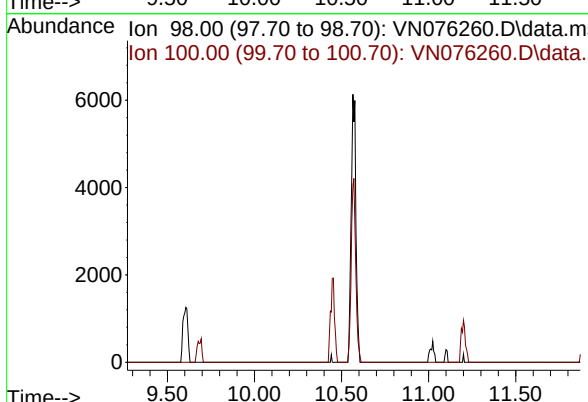




#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.57 min
 Lab File: VN076260.D
 Acq: 16 Jan 2023 10:30
 Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 65.1

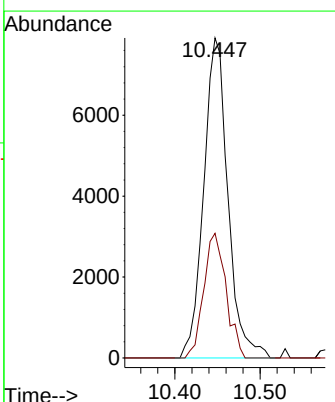
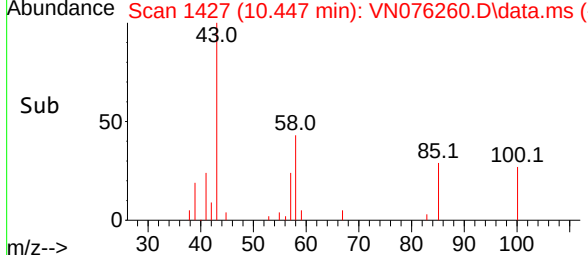
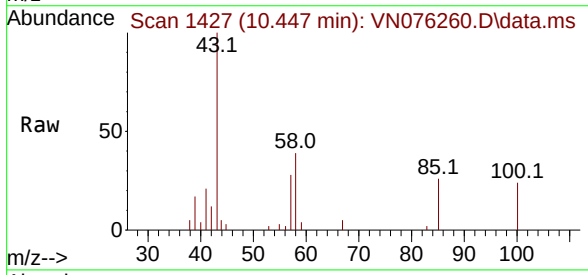
Instrument : MSVOA_N
 ClientSampleId : VSTDICC001

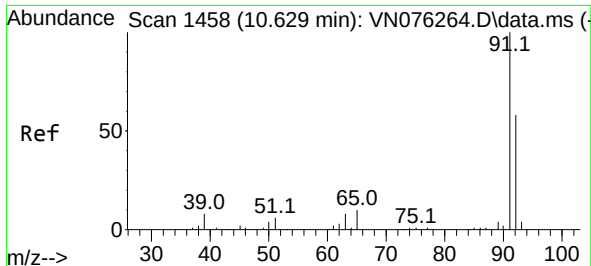
Manual Integrations
APPROVED
 Reviewed By :John Carlone 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#51
 4-Methyl-2-Pentanone
 Concen: 4.489 ug/l
 RT: 10.447 min Scan# 1427
 Delta R.T. 0.000 min
 Lab File: VN076260.D
 Acq: 16 Jan 2023 10:30

Tgt Ion: 43 Resp: 15617
 Ion Ratio Lower Upper
 43 100
 58 35.9 35.5 53.3





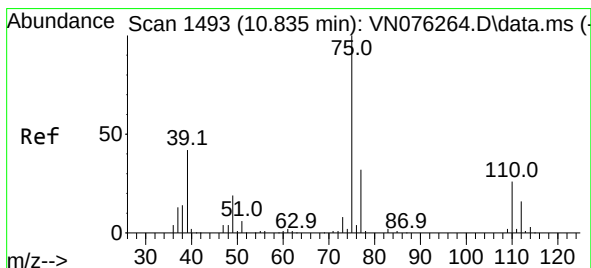
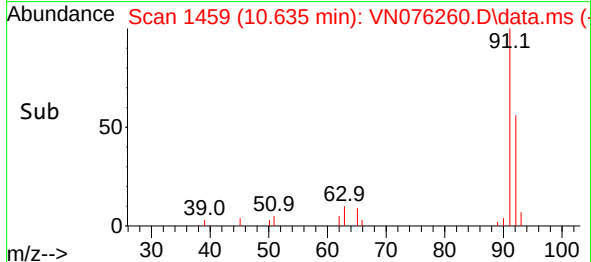
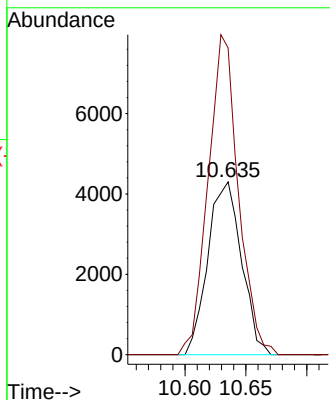
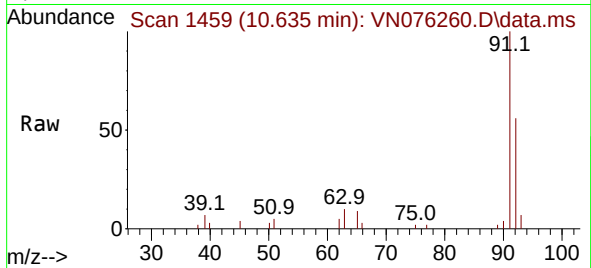
#52
Toluene
Concen: 0.946 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 92 Resp: 825
Ion Ratio Lower Upper
92 100
91 166.7 137.3 205.9

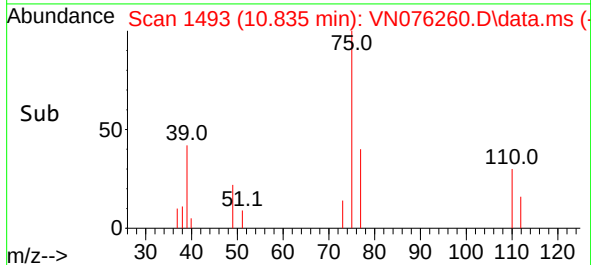
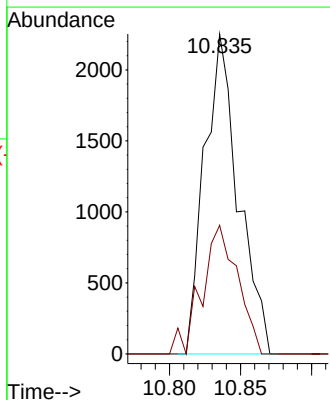
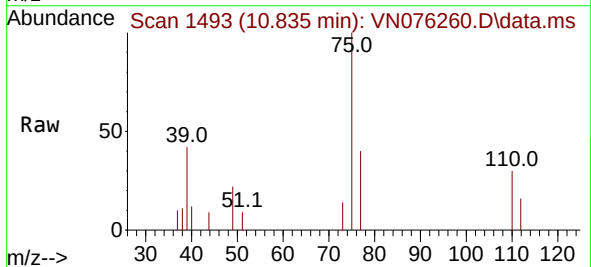
Manual Integrations
APPROVED

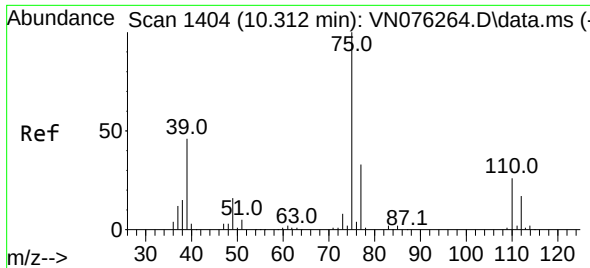
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#53
t-1,3-Dichloropropene
Concen: 0.804 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

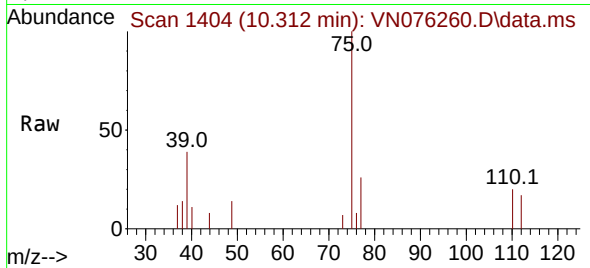
Tgt Ion: 75 Resp: 3732
Ion Ratio Lower Upper
75 100
77 40.2 24.9 37.3#





#54
cis-1,3-Dichloropropene
Concen: 0.866 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

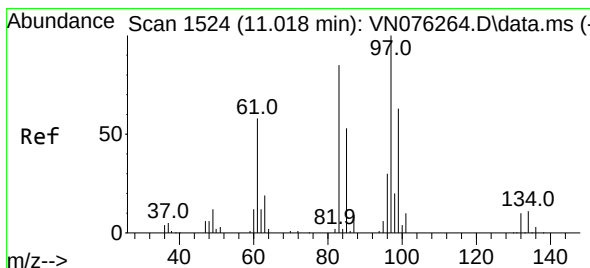
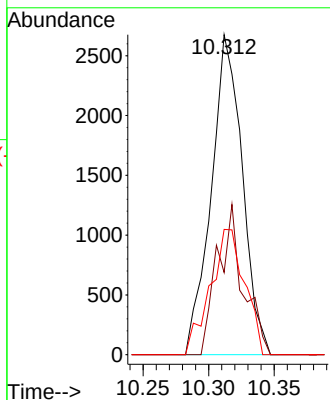
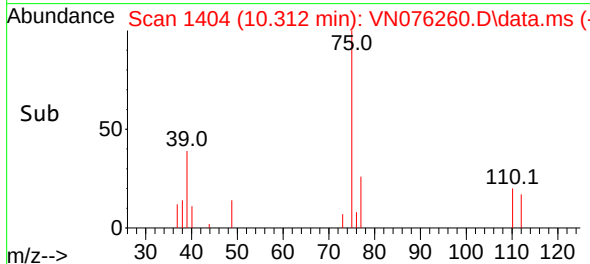
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 441
Ion Ratio Lower Upper
75 100
77 25.7 25.8 38.8#
39 39.2 33.4 50.2

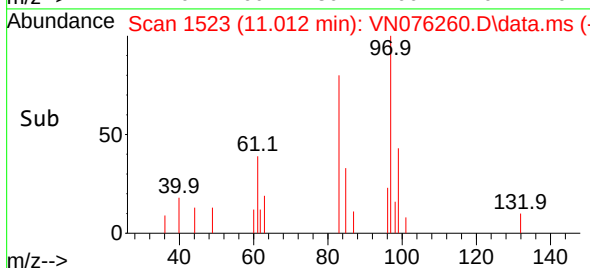
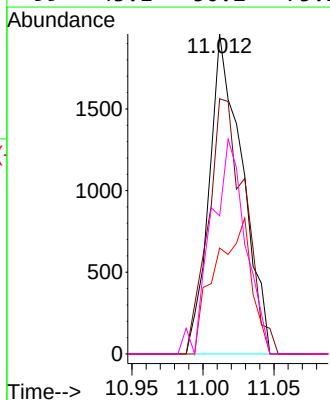
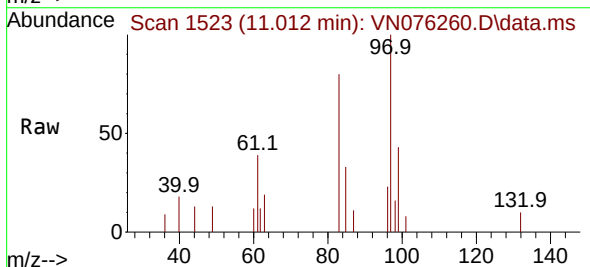
Manual Integrations
APPROVED

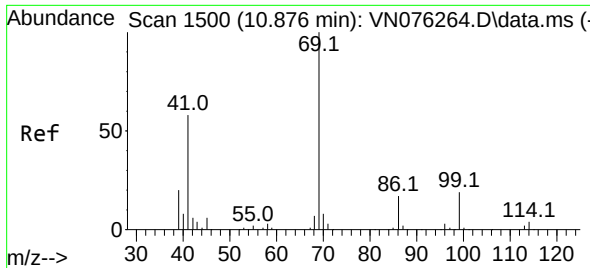
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#55
1,1,2-Trichloroethane
Concen: 0.925 ug/l
RT: 11.012 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

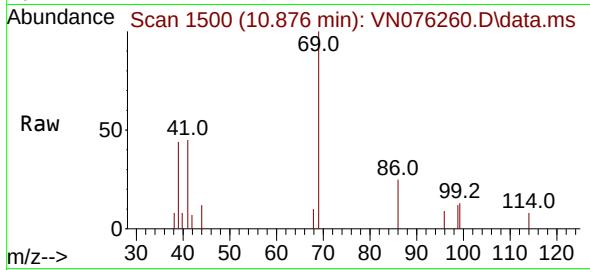
Tgt Ion: 97 Resp: 3166
Ion Ratio Lower Upper
97 100
83 79.7 65.0 97.4
85 33.1 43.0 64.6#
99 43.1 50.2 75.2#





#56
Ethyl methacrylate
Concen: 0.806 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

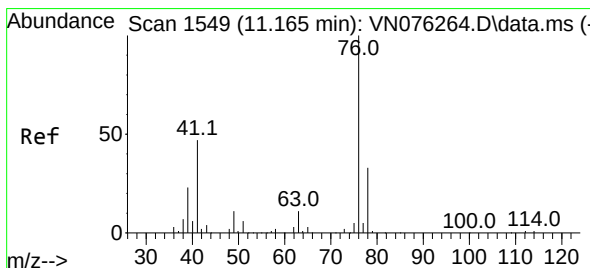
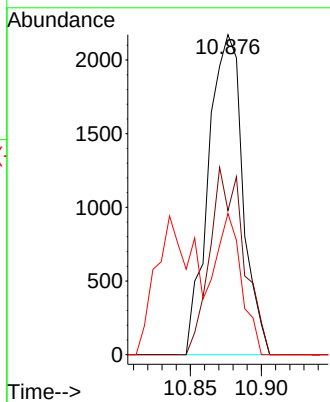
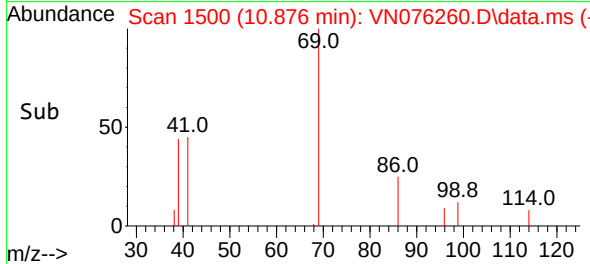
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 366
Ion Ratio Lower Upper
69 100
41 57.7 44.2 66.4
39 34.2 26.4 39.6

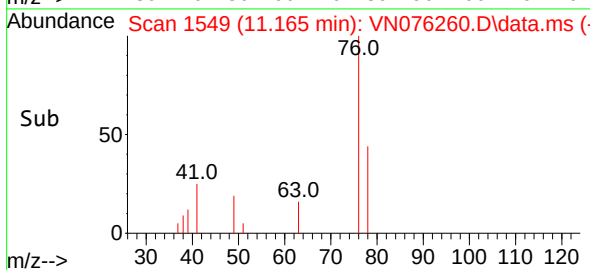
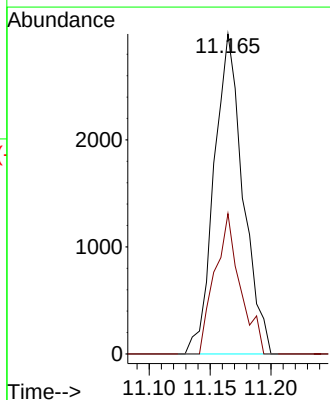
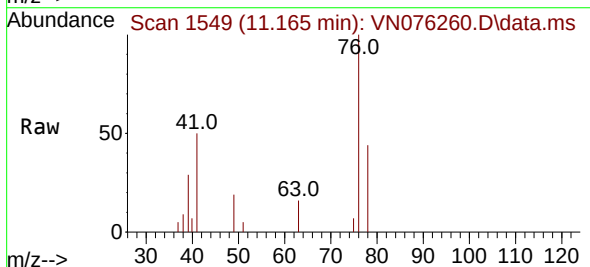
Manual Integrations
APPROVED

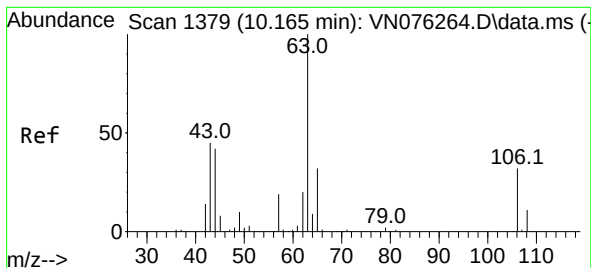
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#57
1,3-Dichloropropane
Concen: 0.881 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Tgt Ion: 76 Resp: 4948
Ion Ratio Lower Upper
76 100
78 38.5 26.2 39.2





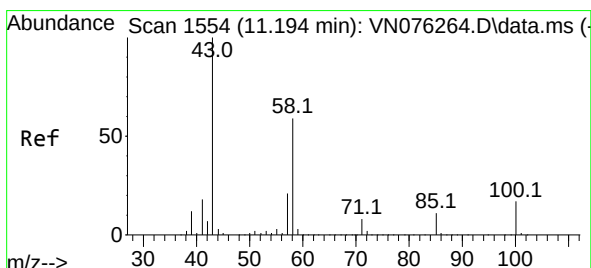
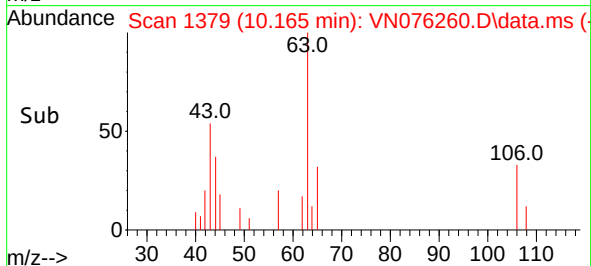
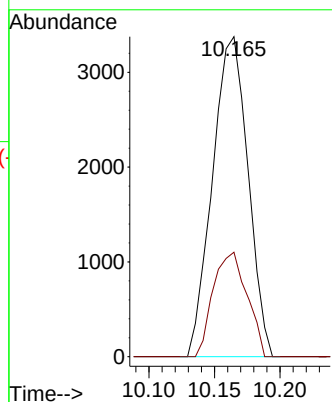
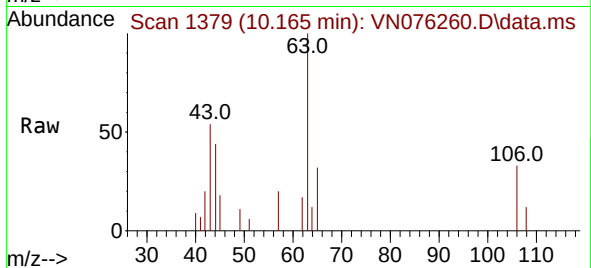
#58
2-Chloroethyl Vinyl ether
Concen: 4.393 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 636
Ion Ratio Lower Upper
63 100
106 31.1 26.4 39.6

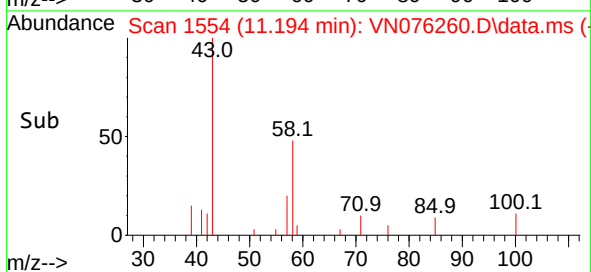
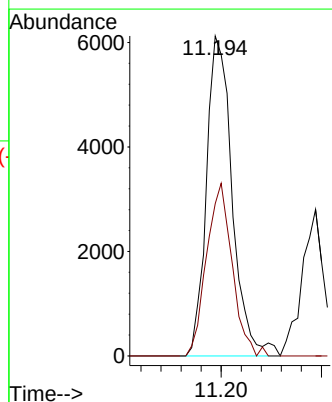
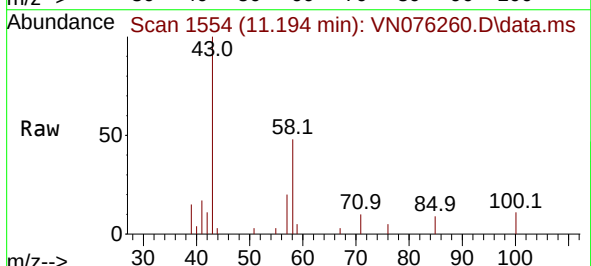
Manual Integrations
APPROVED

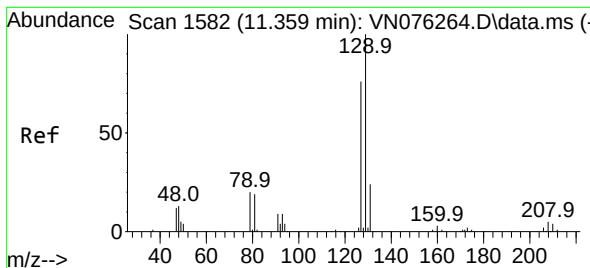
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#59
2-Hexanone
Concen: 4.304 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

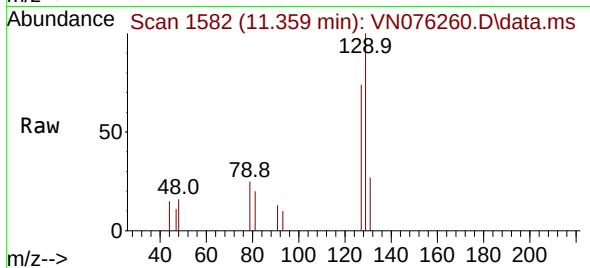
Tgt Ion: 43 Resp: 10918
Ion Ratio Lower Upper
43 100
58 53.6 30.6 92.0





#60
Dibromochloromethane
Concen: 0.941 ug/l
RT: 11.359 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

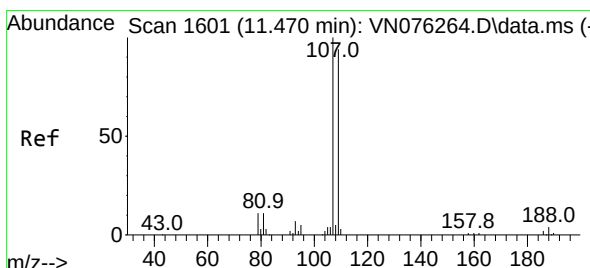
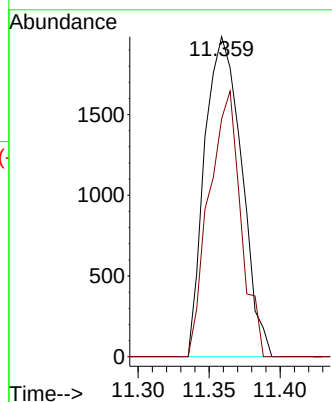
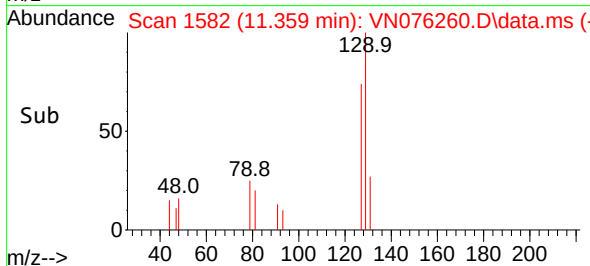
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



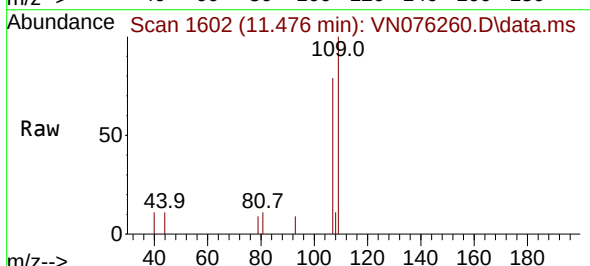
Tgt Ion:129 Resp: 358
Ion Ratio Lower Upper
129 100
127 71.4 38.3 114.9

Manual Integrations
APPROVED

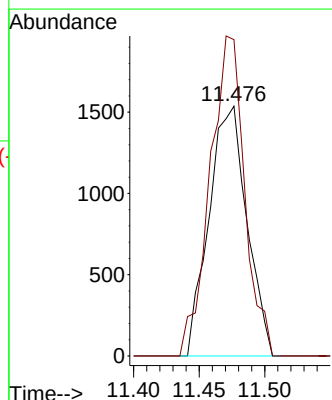
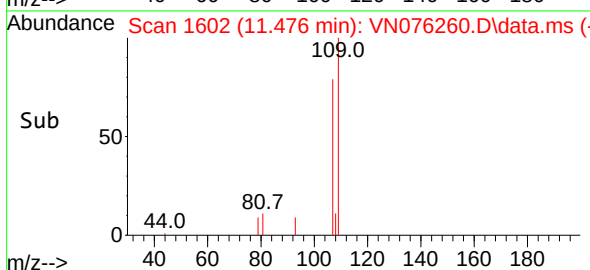
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

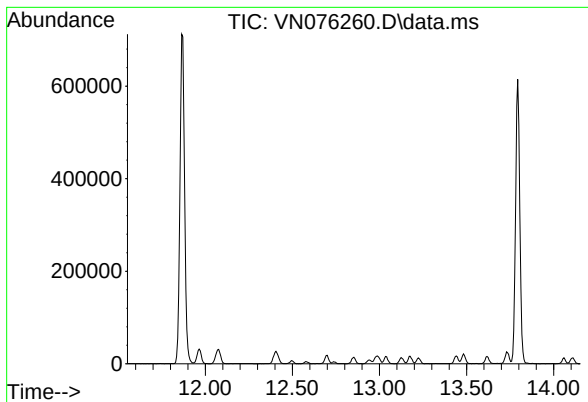


#61
1,2-Dibromoethane
Concen: 0.893 ug/l
RT: 11.476 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30



Tgt Ion:107 Resp: 3095
Ion Ratio Lower Upper
107 100
109 116.9 74.8 112.2#





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN076260.D
 Acq: 16 Jan 2023 10:30

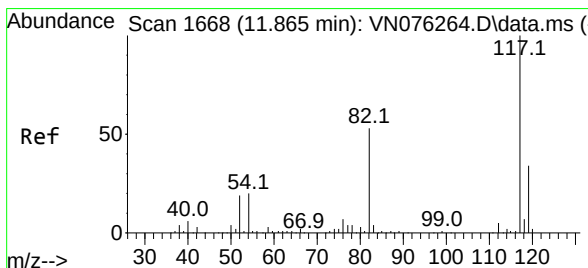
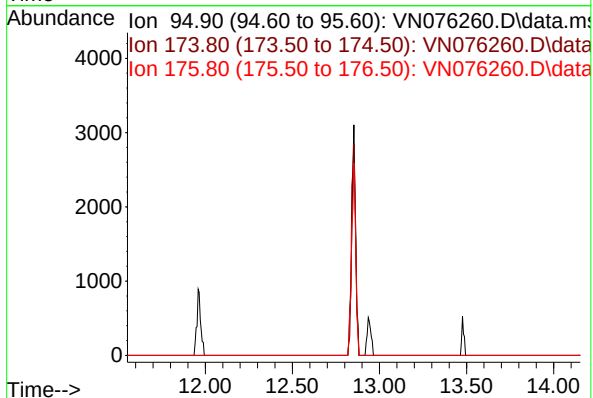
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	85.8
176	84.6

Manual Integrations
APPROVED

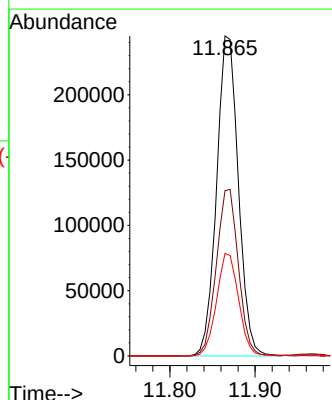
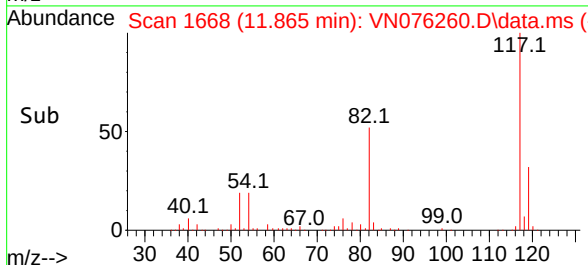
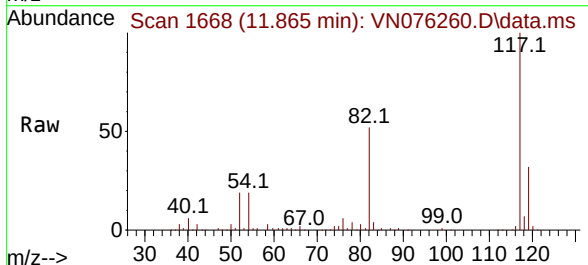
Reviewed By : John Carlone 01/17/2023
 Supervised By : Mahesh Dadoda 01/17/2023

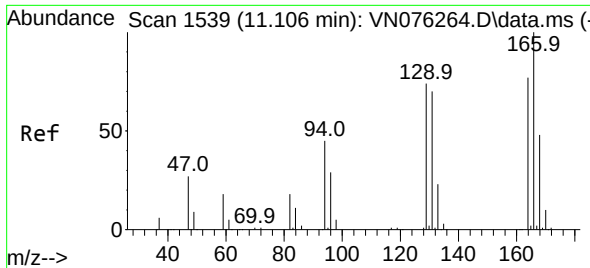


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1668
 Delta R.T. 0.000 min
 Lab File: VN076260.D
 Acq: 16 Jan 2023 10:30

Tgt Ion: 117 Resp: 435423

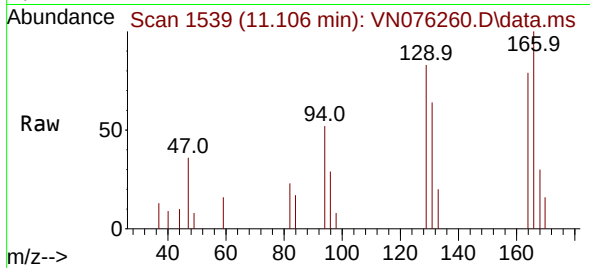
Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.3	61.9
119	32.1	24.6	37.0





#64
Tetrachloroethene
Concen: 1.380 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

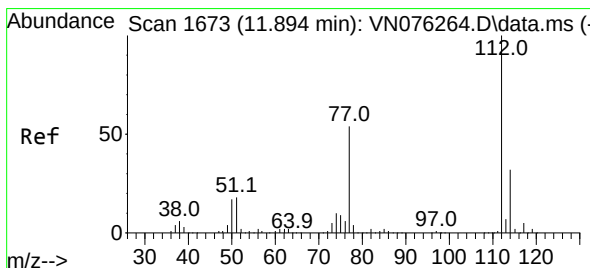
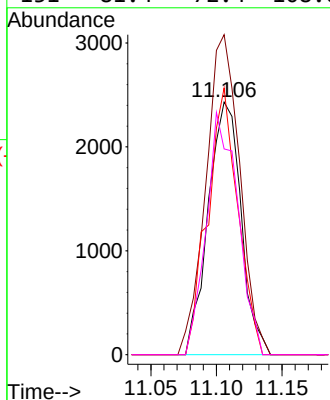
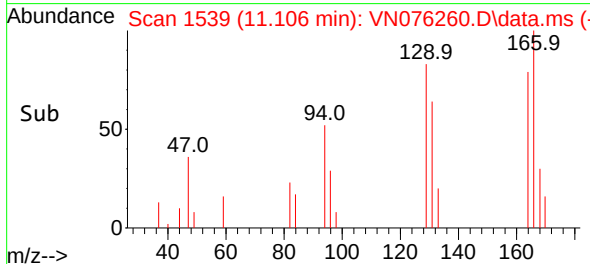
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



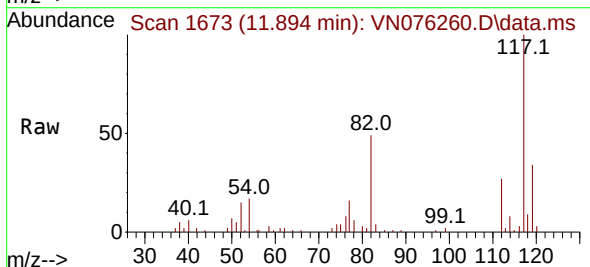
Tgt Ion:164 Resp: 4228
Ion Ratio Lower Upper
164 100
166 126.6 101.9 152.9
129 105.6 74.2 111.2
131 81.4 72.4 108.6

Manual Integrations
APPROVED

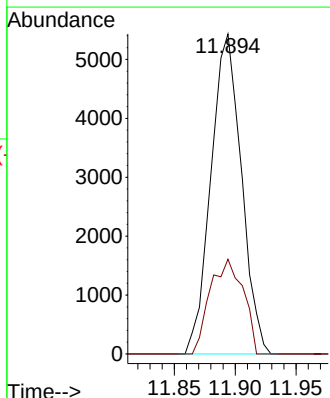
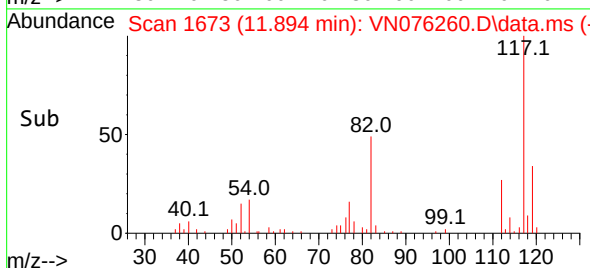
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

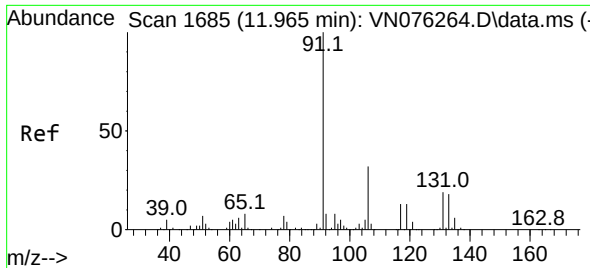


#65
Chlorobenzene
Concen: 1.060 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30



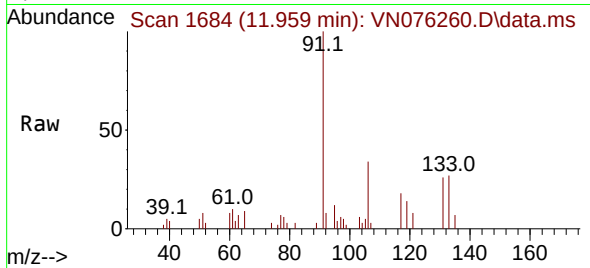
Tgt Ion:112 Resp: 9469
Ion Ratio Lower Upper
112 100
114 29.6 24.7 37.1





#66
1,1,1,2-Tetrachloroethane
Concen: 0.997 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

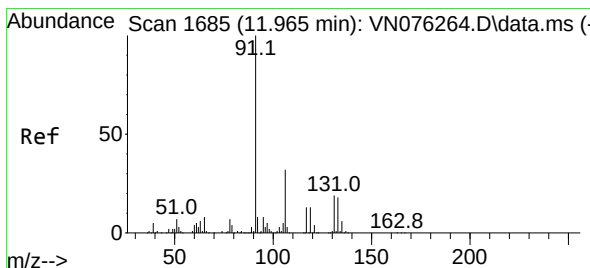
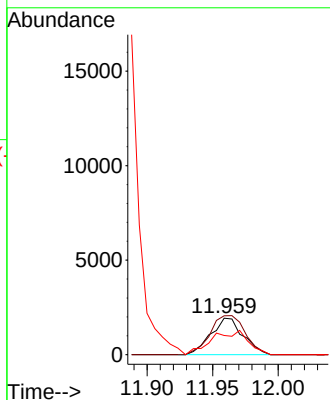
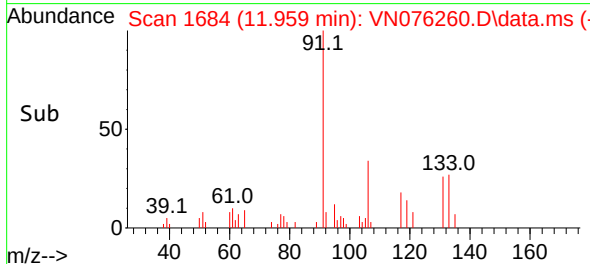
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:131 Resp: 330
Ion Ratio Lower Upper
131 100
133 116.3 47.5 142.5
119 0.0 31.9 95.7

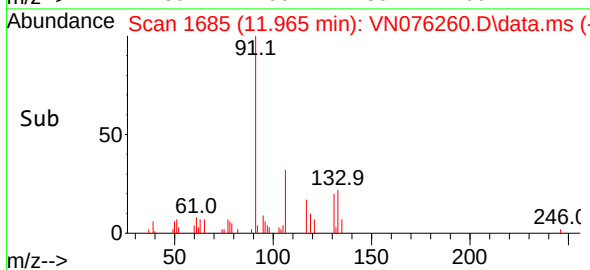
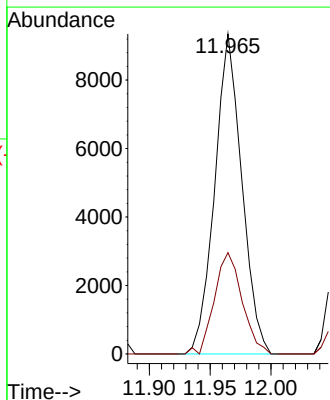
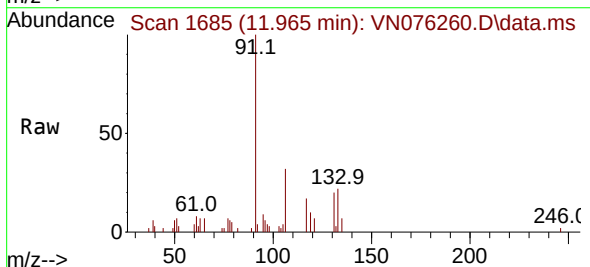
Manual Integrations
APPROVED

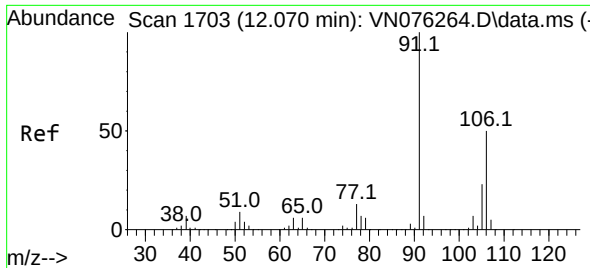
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#67
Ethyl Benzene
Concen: 0.959 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Tgt Ion: 91 Resp: 14458
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5





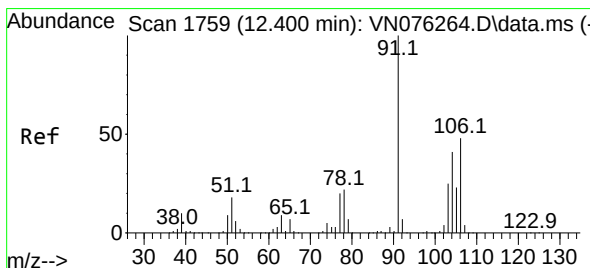
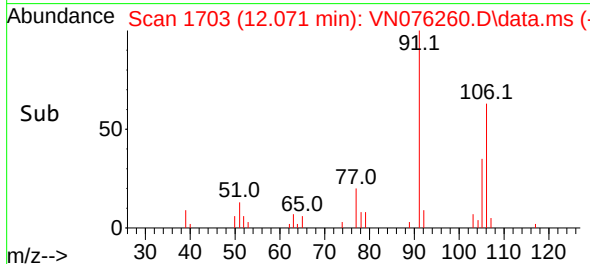
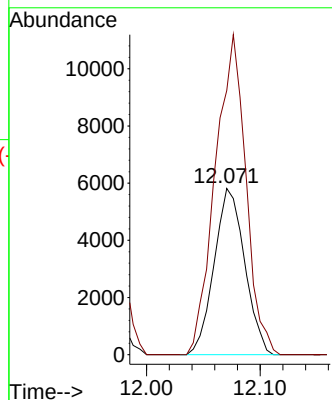
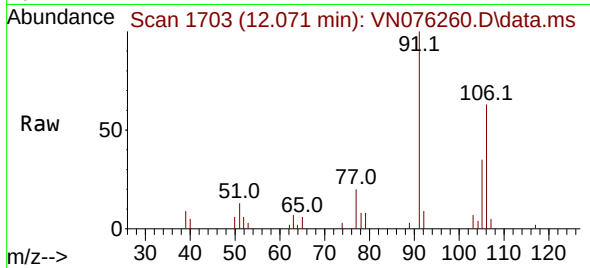
#68
m/p-Xylenes
Concen: 1.822 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 10878
Ion Ratio Lower Upper
106 100
91 192.9 156.6 235.0

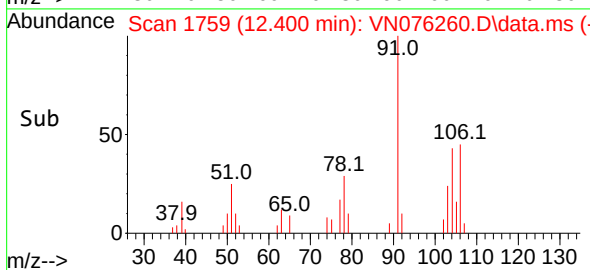
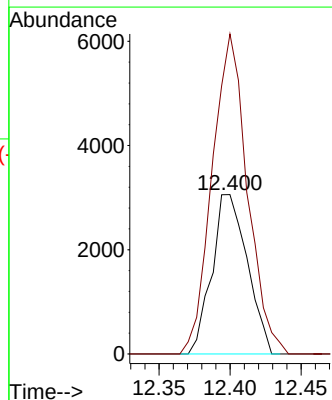
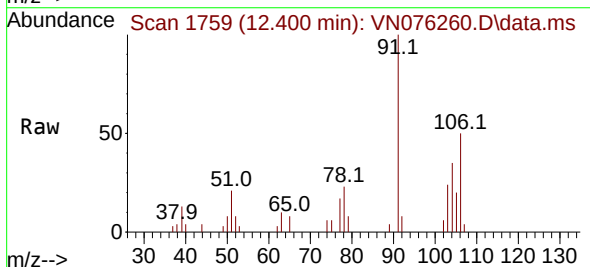
Manual Integrations
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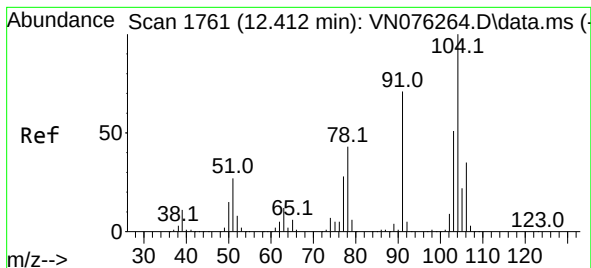
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#69
o-Xylene
Concen: 0.897 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Tgt Ion:106 Resp: 5297
Ion Ratio Lower Upper
106 100
91 200.4 103.8 311.6





#70

Styrene

Concen: 0.829 ug/l

RT: 12.406 min Scan# 1760

Delta R.T. -0.006 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Instrument :

MSVOA_N

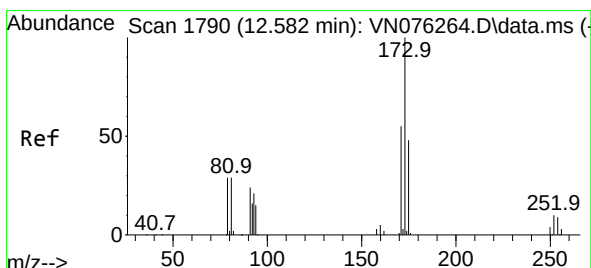
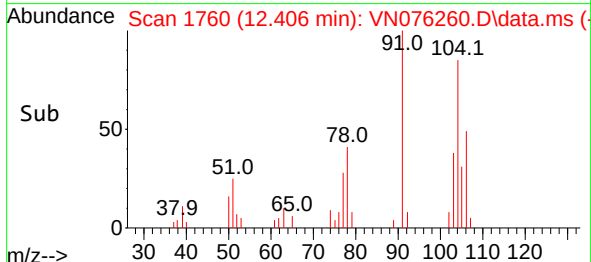
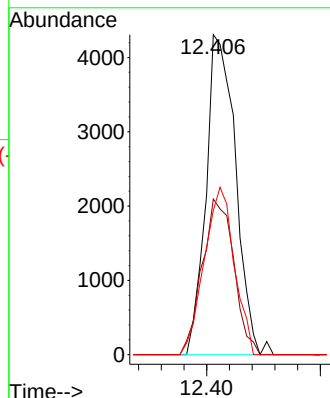
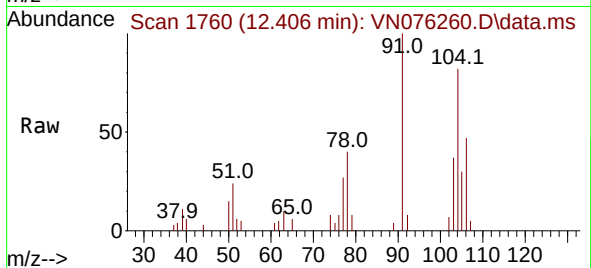
ClientSampleId :

VSTDIC001

Tgt Ion:104 Resp: 778
 Ion Ratio Lower Upper
 104 100
 78 51.9 37.5 56.3
 103 53.0 43.5 65.3

Manual Integrations
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Reviewed By :John Carlone 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#71

Bromoform

Concen: 0.948 ug/l

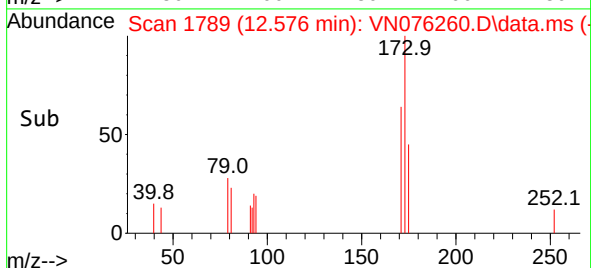
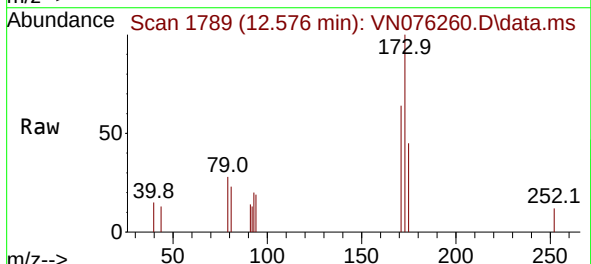
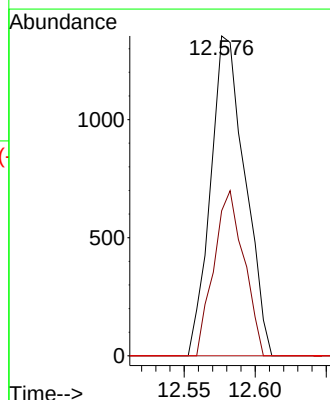
RT: 12.576 min Scan# 1789

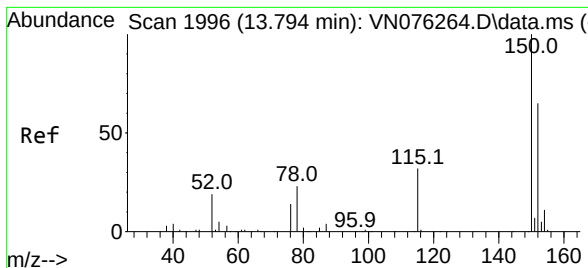
Delta R.T. -0.006 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

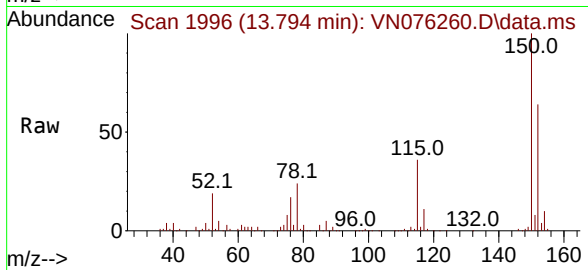
Tgt Ion:173 Resp: 2284
 Ion Ratio Lower Upper
 173 100
 175 45.1 24.3 72.8
 254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

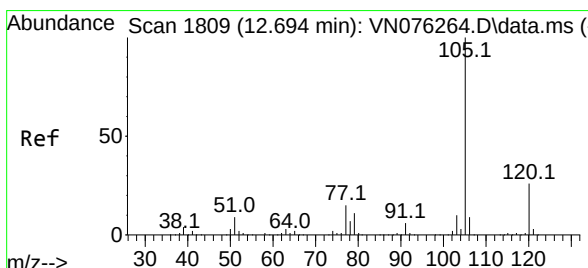
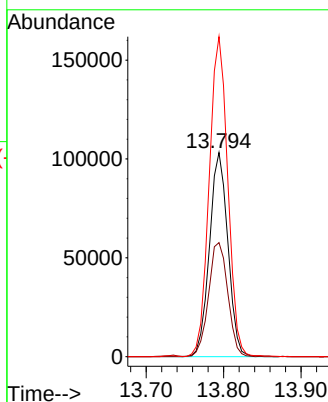
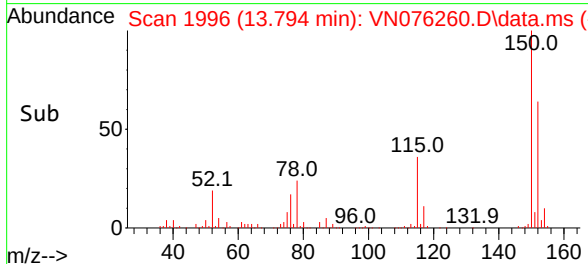
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



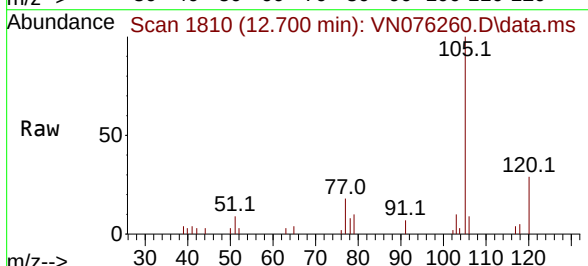
Tgt Ion:152 Resp: 170514
Ion Ratio Lower Upper
152 100
115 58.4 29.1 87.4
150 158.1 0.0 347.0

Manual Integrations
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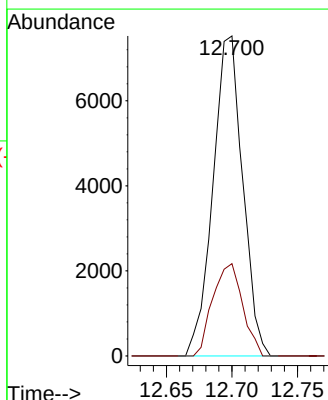
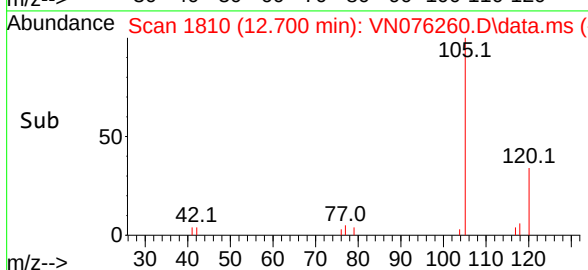
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

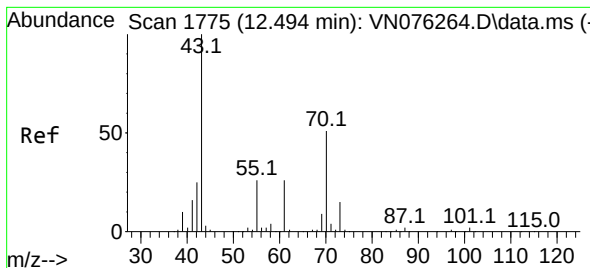


#73
Isopropylbenzene
Concen: 0.961 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30



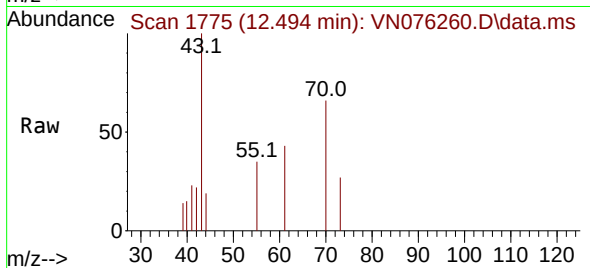
Tgt Ion:105 Resp: 11843
Ion Ratio Lower Upper
105 100
120 29.0 13.4 40.2





#74
N-amy1 acetate
Concen: 0.882 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

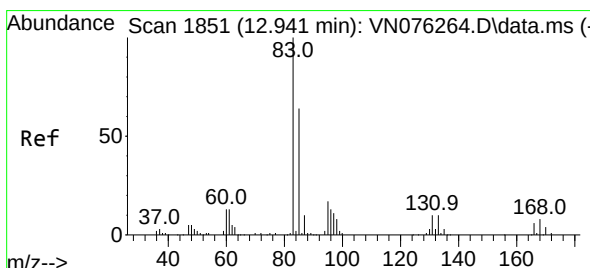
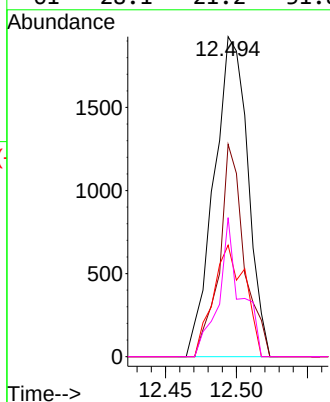
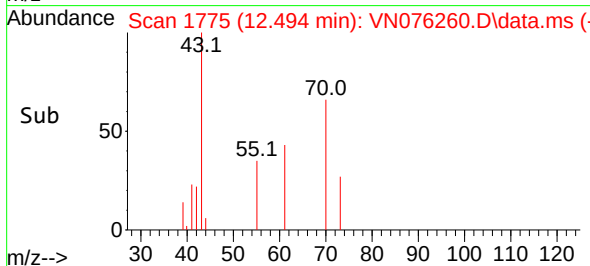


Tgt Ion: 43 Resp: 318

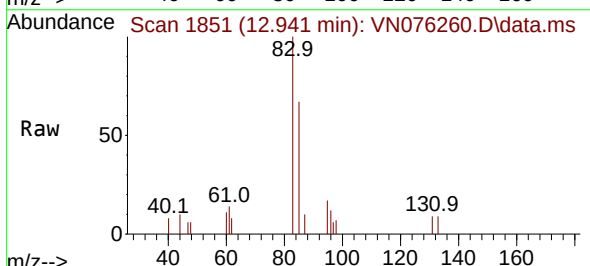
Ion	Ratio	Lower	Upper
43	100		
70	48.7	41.4	62.0
55	32.8	21.3	31.9
61	28.1	21.2	31.8

Manual Integrations
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Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

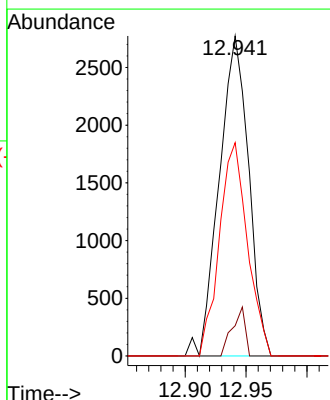
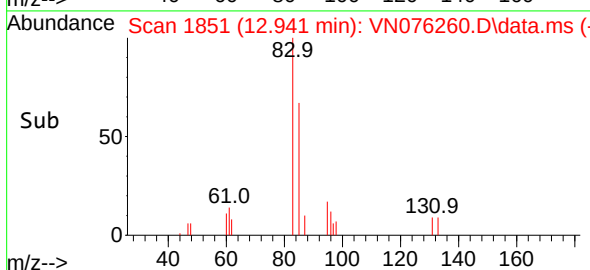


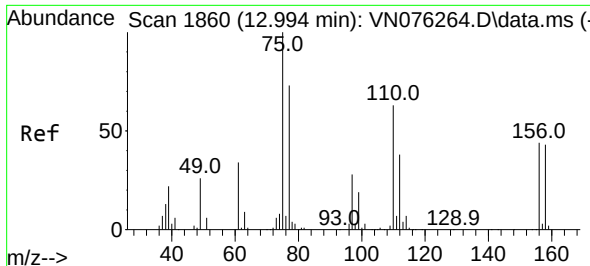
#75
1,1,2,2-Tetrachloroethane
Concen: 1.222 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30



Tgt Ion: 83 Resp: 4654

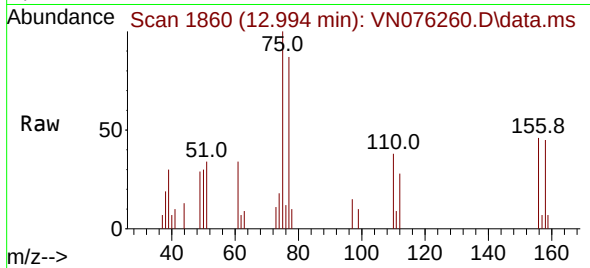
Ion	Ratio	Lower	Upper
83	100		
131	6.7	5.6	16.8
85	63.8	32.6	98.0





#76
1,2,3-Trichloropropane
Concen: 0.928 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

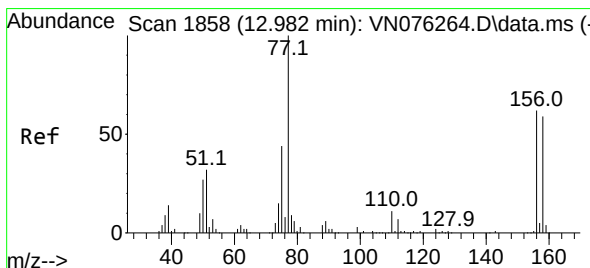
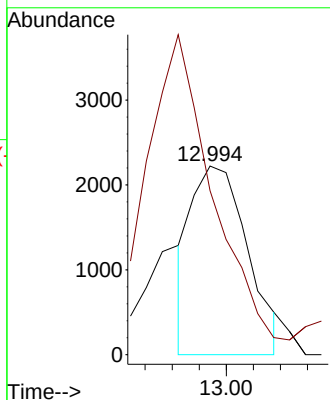
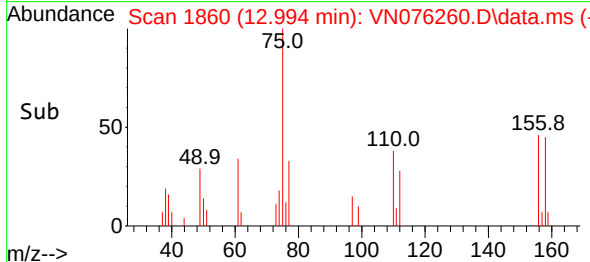
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



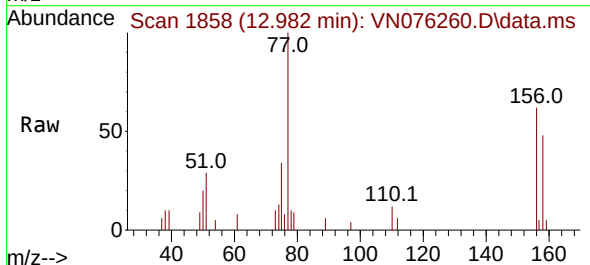
Tgt Ion: 75 Resp: 319
Ion Ratio Lower Upper
75 100
77 211.6 82.6 247.8

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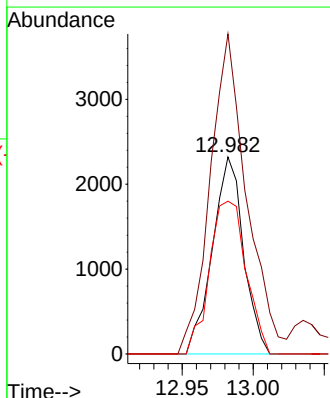
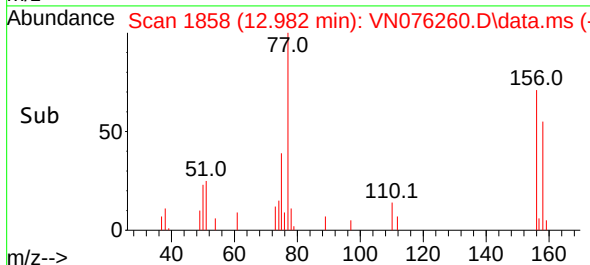
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

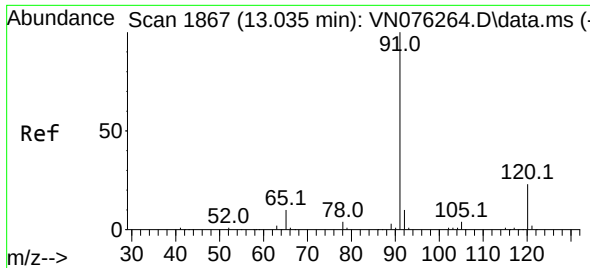


#77
Bromobenzene
Concen: 1.130 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30



Tgt Ion:156 Resp: 3524
Ion Ratio Lower Upper
156 100
77 191.6 93.8 281.3
158 91.6 48.9 146.6





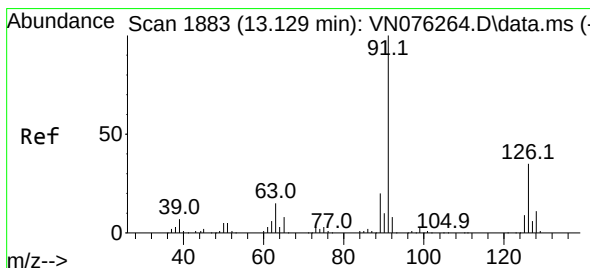
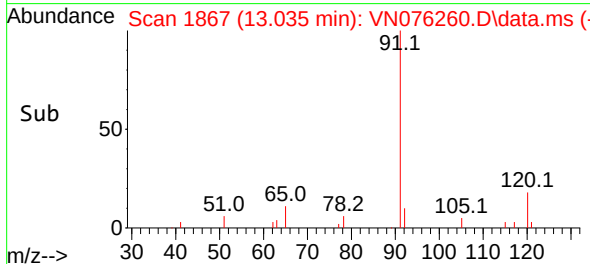
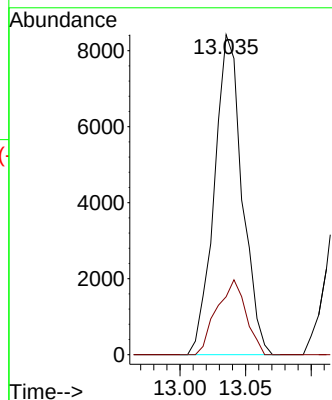
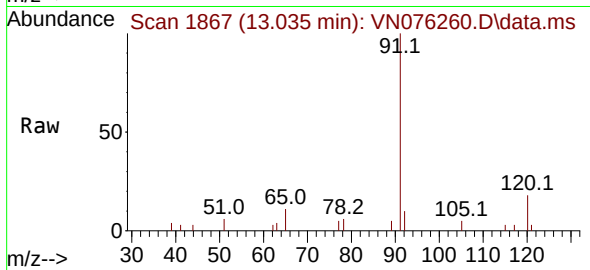
#78
n-propylbenzene
Concen: 0.916 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 1245
Ion Ratio Lower Upper
91 100
120 24.4 12.0 36.1

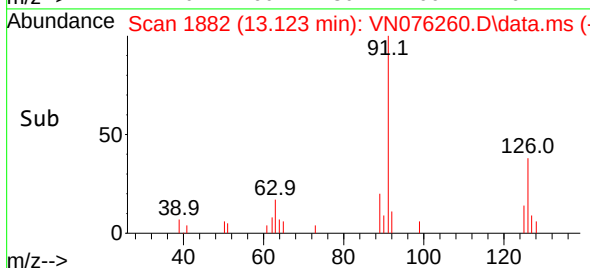
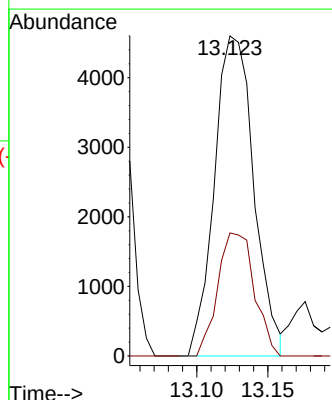
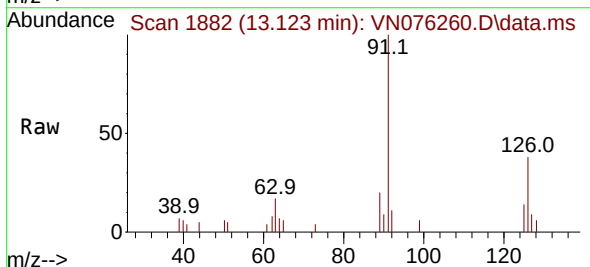
Manual Integrations
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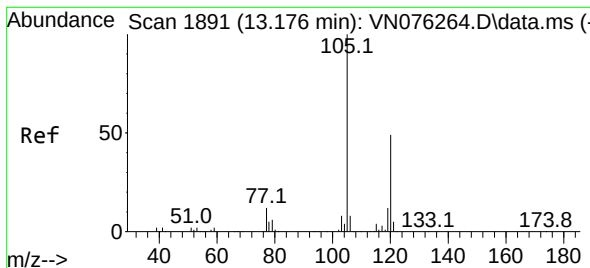
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#79
2-Chlorotoluene
Concen: 1.048 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

Tgt Ion: 91 Resp: 8891
Ion Ratio Lower Upper
91 100
126 35.6 17.5 52.5





#80

1,3,5-Trimethylbenzene

Concen: 0.934 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 9634

Ion Ratio Lower Upper

105 100

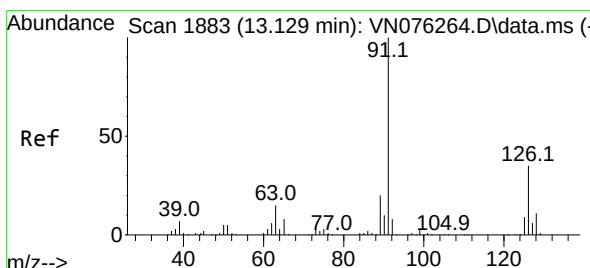
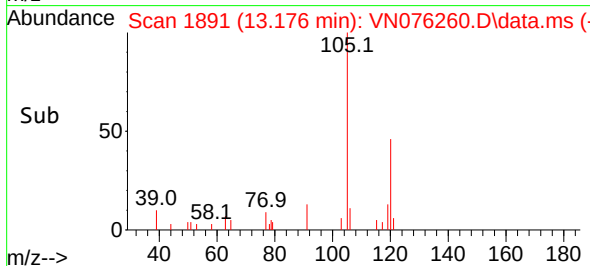
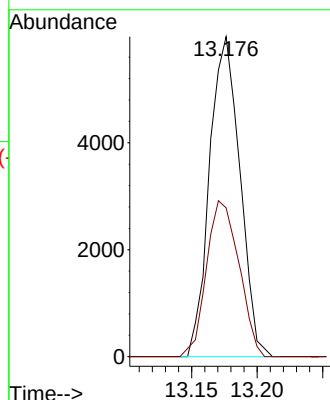
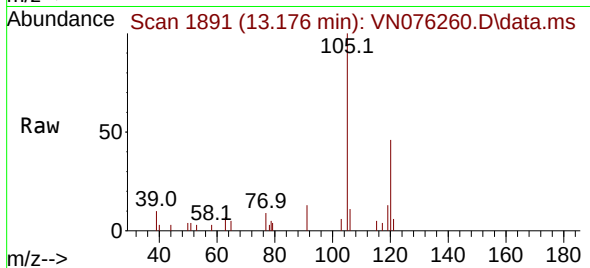
120 52.2 24.7 74.1

Manual Integrations

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Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#82

4-Chlorotoluene

Concen: 1.048 ug/l

RT: 13.123 min Scan# 1882

Delta R.T. -0.006 min

Lab File: VN076260.D

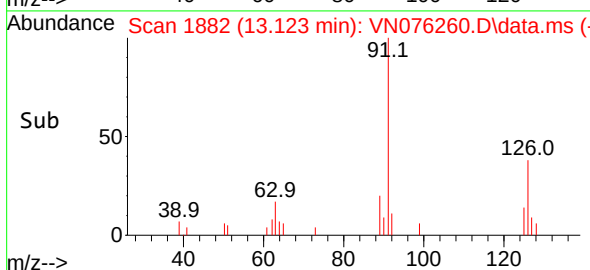
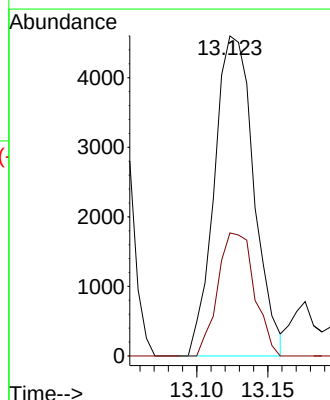
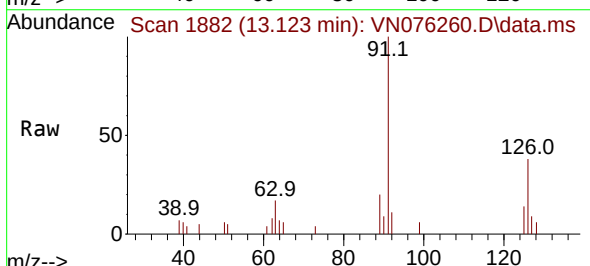
Acq: 16 Jan 2023 10:30

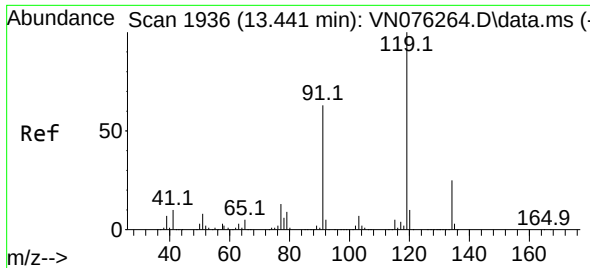
Tgt Ion: 91 Resp: 8891

Ion Ratio Lower Upper

91 100

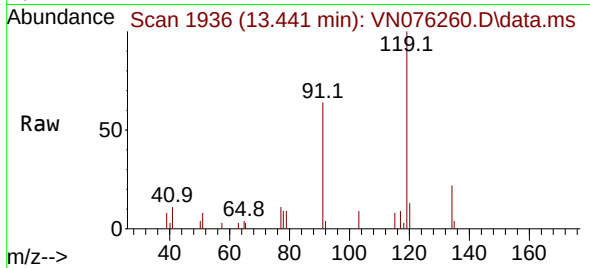
126 35.6 17.5 52.5





#83
tert-Butylbenzene
Concen: 1.014 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

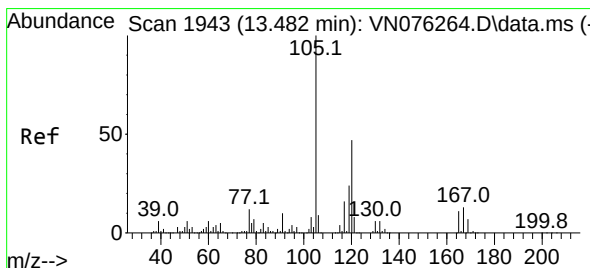
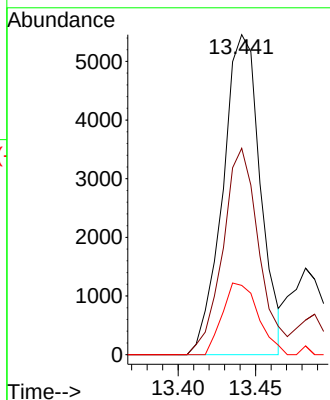
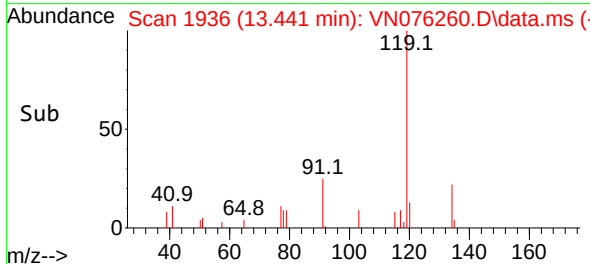
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



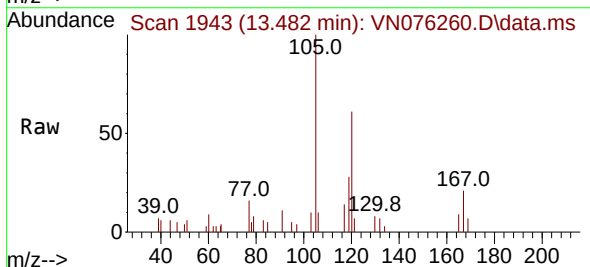
Tgt Ion:119 Resp: 9220
Ion Ratio Lower Upper
119 100
91 62.1 31.9 95.5
134 21.3 13.8 41.4

Manual Integrations
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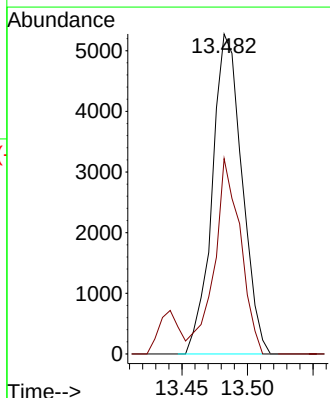
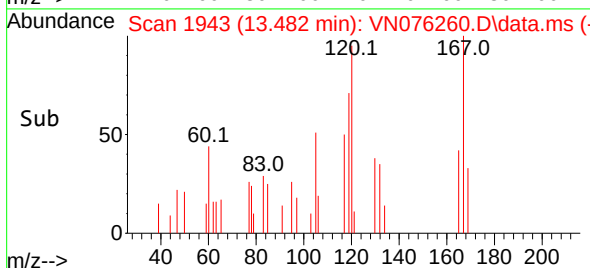
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

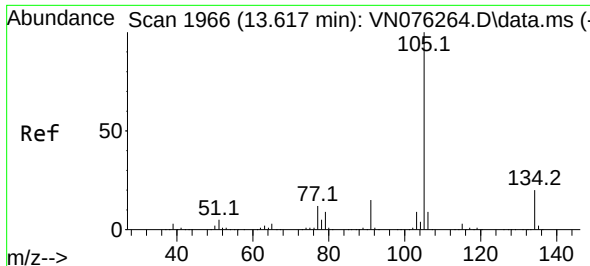


#84
1,2,4-Trimethylbenzene
Concen: 0.815 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30



Tgt Ion:105 Resp: 8342
Ion Ratio Lower Upper
105 100
120 53.6 23.3 69.8





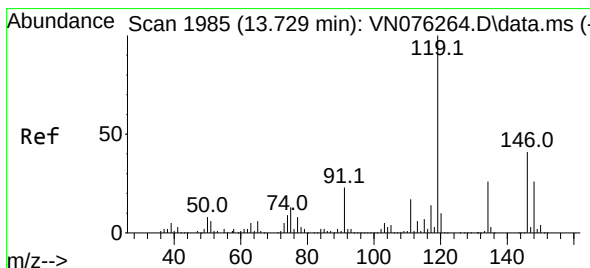
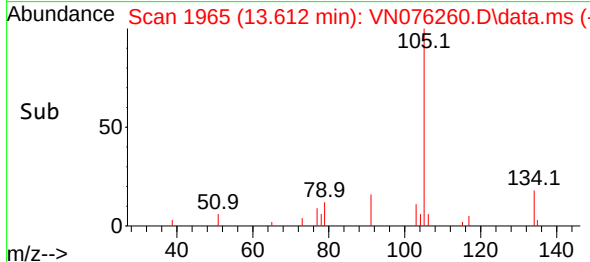
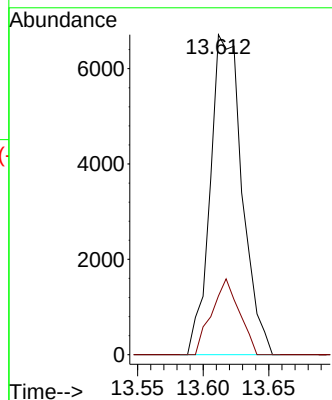
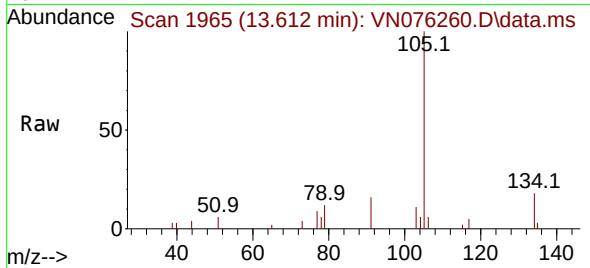
#85
 sec-Butylbenzene
 Concen: 0.903 ug/l
 RT: 13.612 min Scan# 1965
 Delta R.T. -0.006 min
 Lab File: VN076260.D
 Acq: 16 Jan 2023 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 1133
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

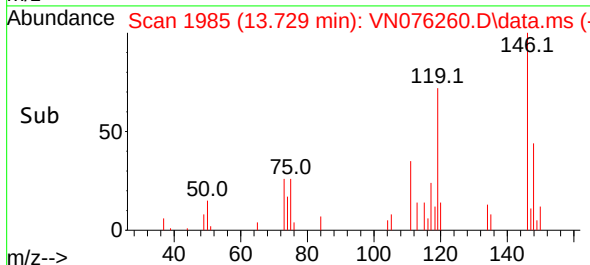
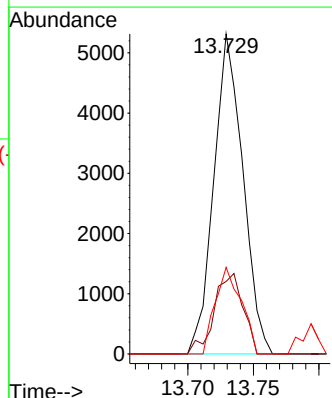
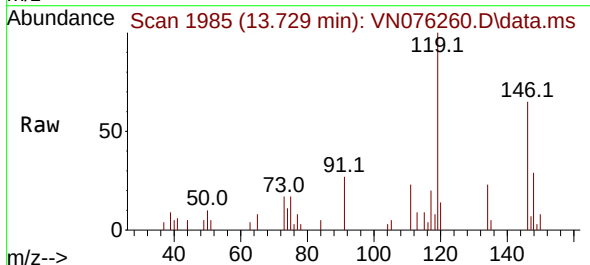
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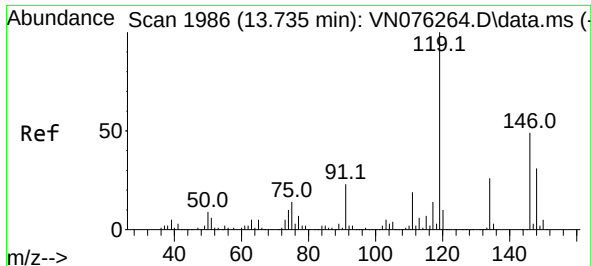
Reviewed By :John Carlone 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#86
 p-Isopropyltoluene
 Concen: 0.785 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076260.D
 Acq: 16 Jan 2023 10:30

Tgt Ion:119 Resp: 8193
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.0 39.0
 91 24.2 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 1.099 ug/l

RT: 13.741 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 633

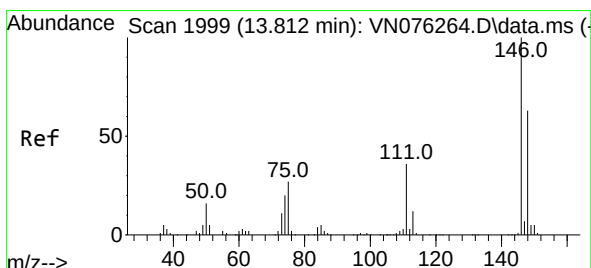
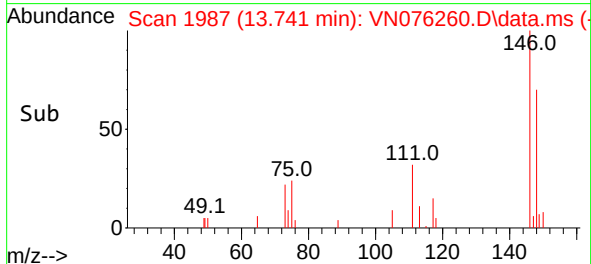
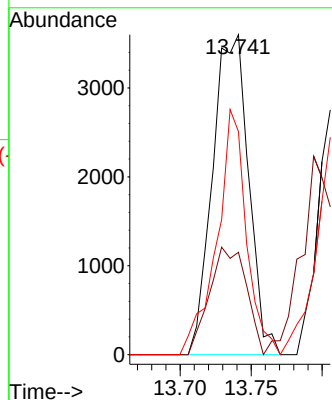
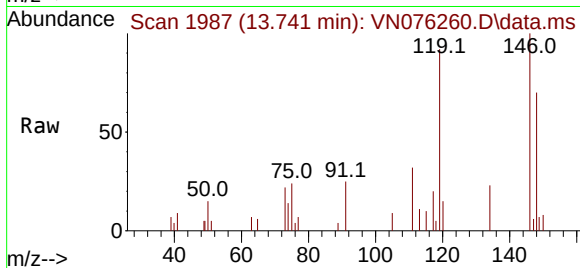
Ion	Ratio	Lower	Upper
146	100		
111	34.5	19.7	59.0
148	63.2	31.4	94.2

Manual Integrations

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Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#88

1,4-Dichlorobenzene

Concen: 1.029 ug/l m

RT: 13.817 min Scan# 2000

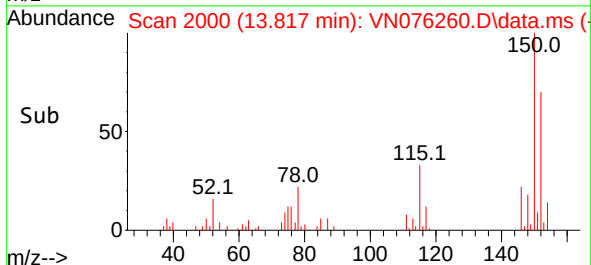
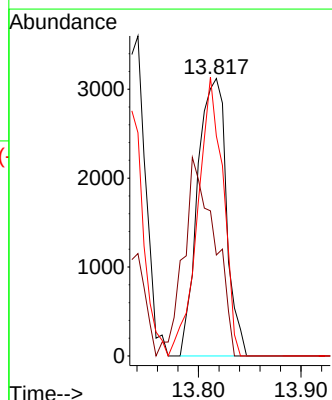
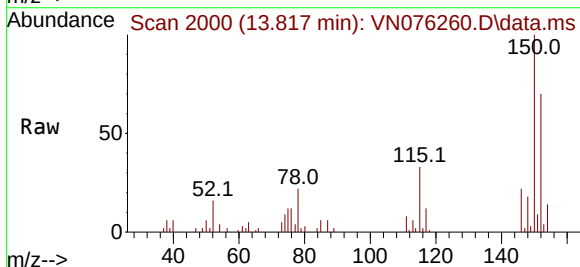
Delta R.T. 0.006 min

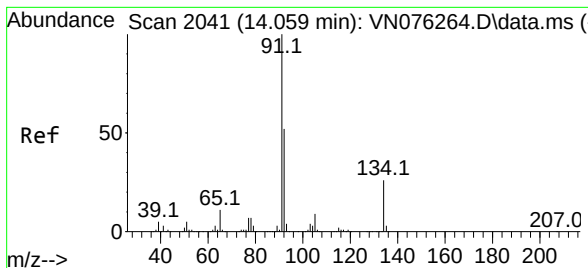
Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Tgt Ion:146 Resp: 6055

Ion	Ratio	Lower	Upper
146	100		
111	36.0	19.1	57.1
148	66.1	32.0	96.2





#89

n-Butylbenzene

Concen: 0.838 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

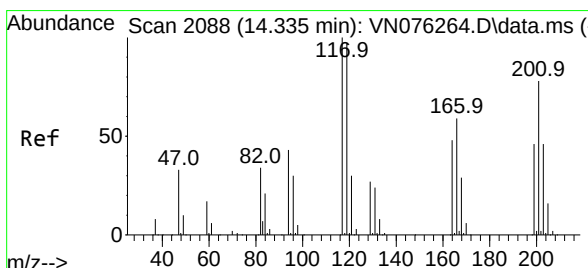
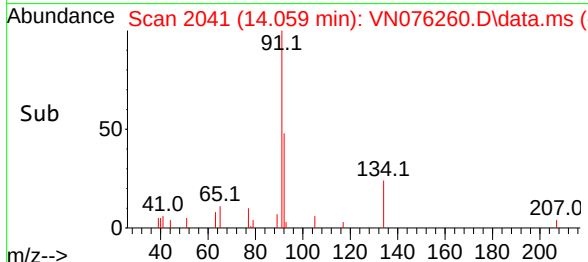
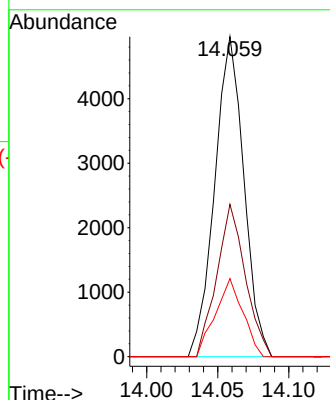
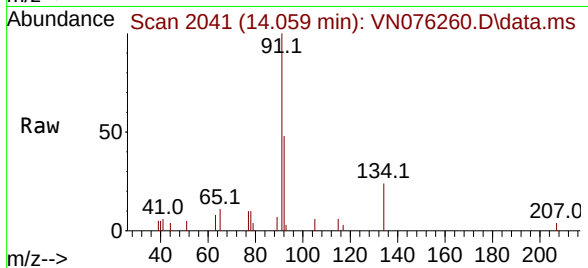
Tgt Ion:	91	Resp:	7089
Ion Ratio	Lower	Upper	
91	100		
92	46.5	26.4	79.2
134	23.0	13.4	40.2

Manual Integrations

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Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#90

Hexachloroethane

Concen: 0.954 ug/l

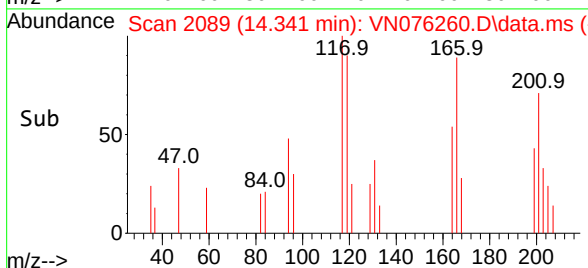
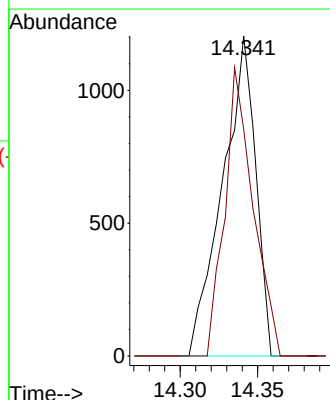
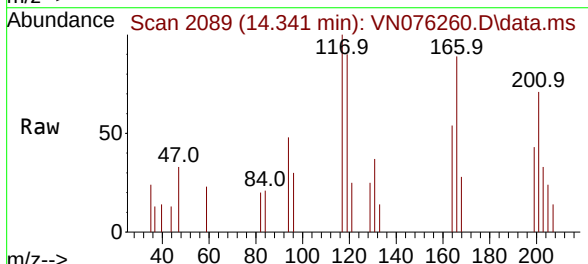
RT: 14.341 min Scan# 2089

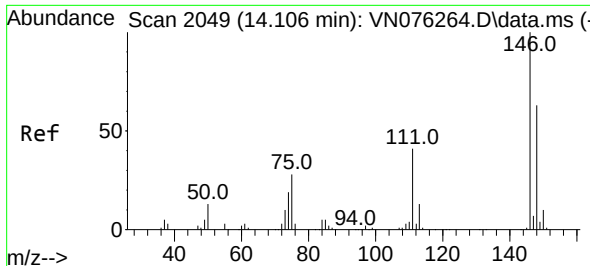
Delta R.T. 0.006 min

Lab File: VN076260.D

Acq: 16 Jan 2023 10:30

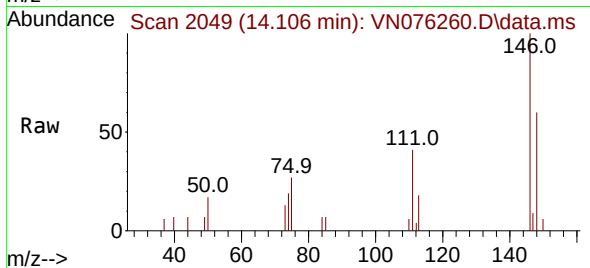
Tgt Ion:	117	Resp:	1783
Ion Ratio	Lower	Upper	
117	100		
201	77.3	38.0	114.1





#91
1,2-Dichlorobenzene
Concen: 1.130 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

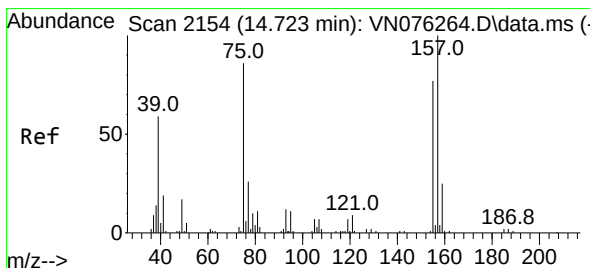
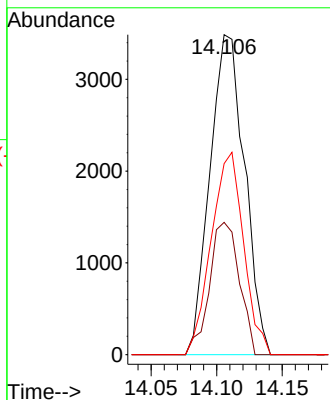
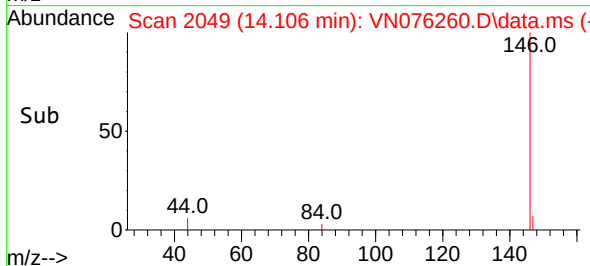
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



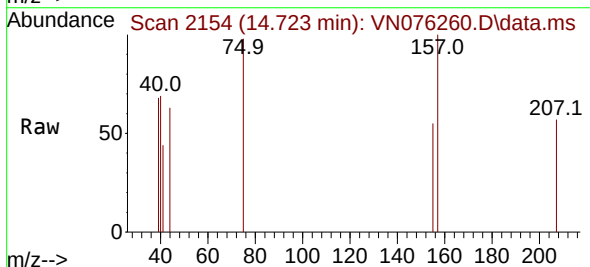
Tgt Ion:146 Resp: 6410
Ion Ratio Lower Upper
146 100
111 35.7 20.3 61.0
148 59.1 31.7 95.1

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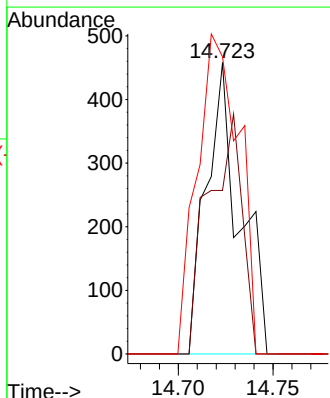
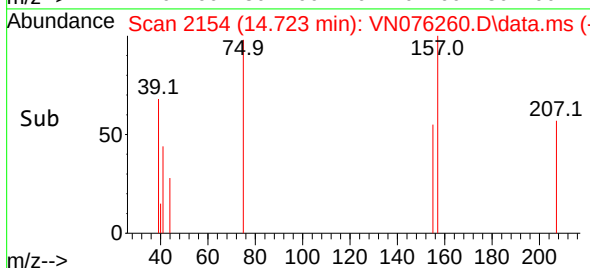
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

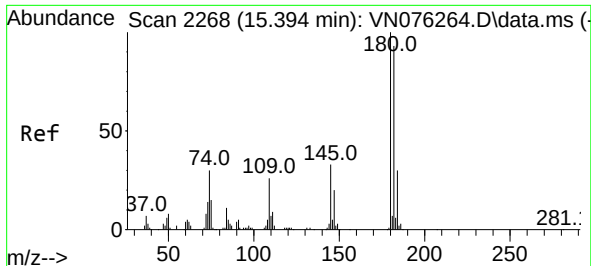


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.829 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30



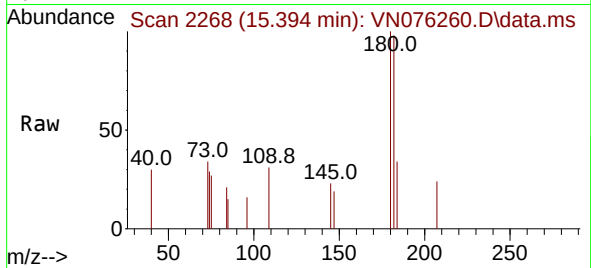
Tgt Ion: 75 Resp: 560
Ion Ratio Lower Upper
75 100
155 83.4 49.3 147.8
157 138.2 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 0.712 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

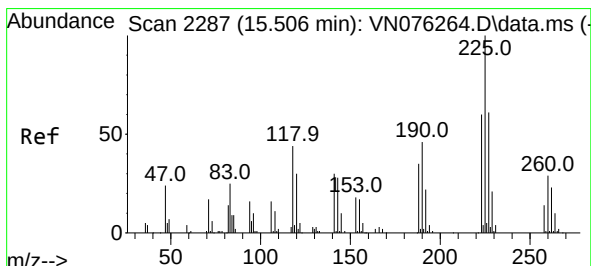
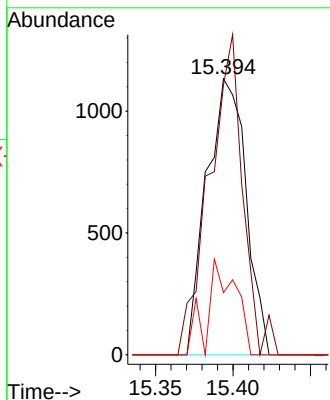
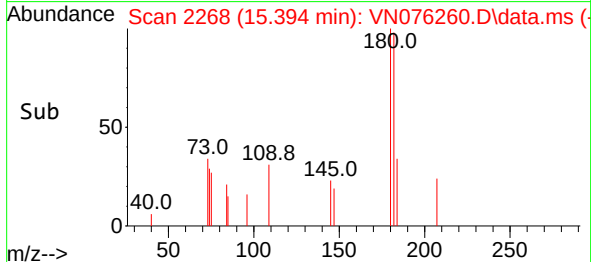
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



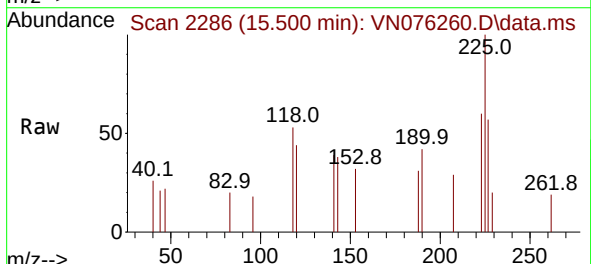
Tgt Ion:180 Resp: 200
Ion Ratio Lower Upper
180 100
182 98.4 47.5 142.5
145 25.1 15.3 45.8

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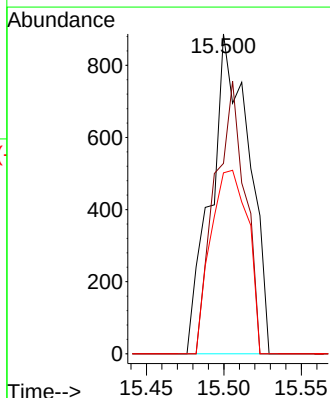
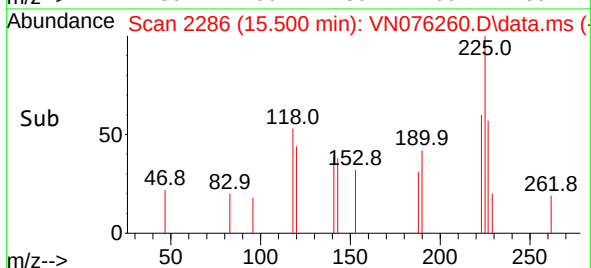
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

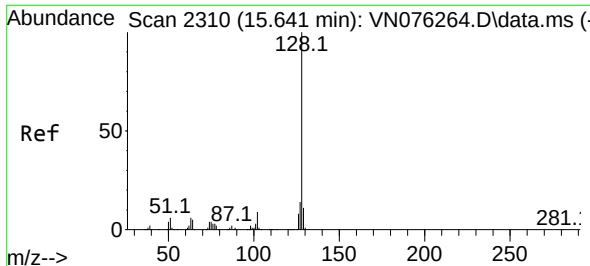


#94
Hexachlorobutadiene
Concen: 0.989 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30



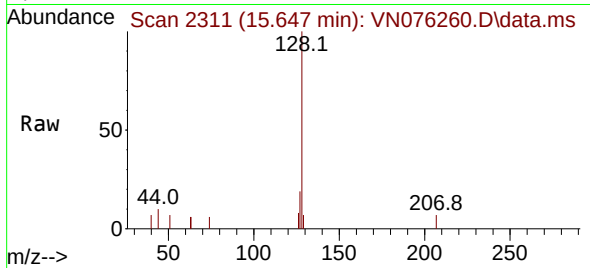
Tgt Ion:225 Resp: 1515
Ion Ratio Lower Upper
225 100
223 67.5 31.5 94.5
227 56.2 31.6 95.0





#95
Naphthalene
Concen: 0.639 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30

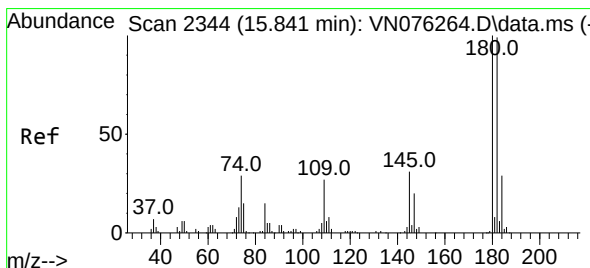
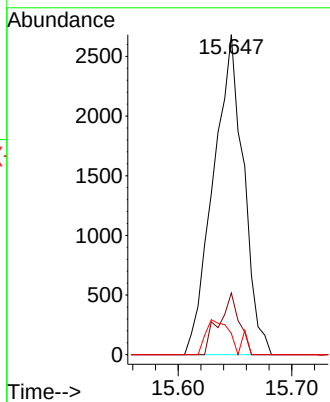
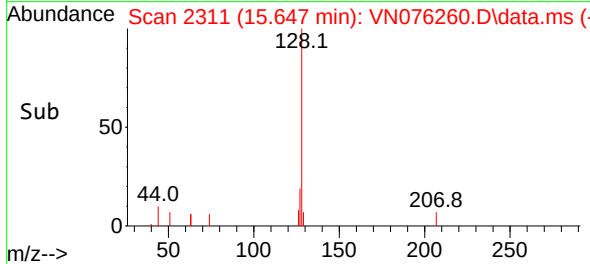
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



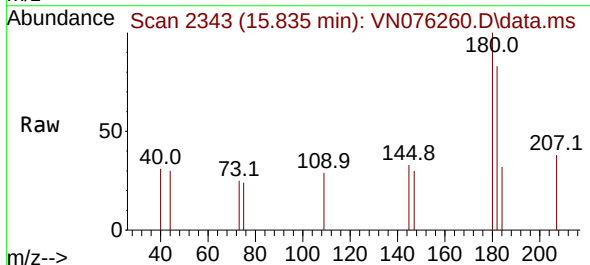
Tgt Ion:128 Resp: 496
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 8.2 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 0.769 ug/l
RT: 15.835 min Scan# 2343
Delta R.T. -0.006 min
Lab File: VN076260.D
Acq: 16 Jan 2023 10:30



Tgt Ion:180 Resp: 2019
Ion Ratio Lower Upper
180 100
182 98.7 47.0 141.0
145 39.0 16.0 47.9

