

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076540.D
 Acq On : 06 Feb 2023 13:34
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 07 00:59:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 00:55:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/07/2023
 Supervised By : Mahesh Dadoda 02/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	569985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	957417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	859042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	383996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	130737	13.548	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	27.100%#		
35) Dibromofluoromethane	8.171	113	114492	13.846	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	27.700%#		
50) Toluene-d8	10.571	98	430945	14.756	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	29.520%#		
62) 4-Bromofluorobenzene	12.847	95	147222	15.359	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	30.720%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	135332	20.866	ug/l	100
3) Chloromethane	2.377	50	122182	21.091	ug/l	97
4) Vinyl Chloride	2.530	62	102204	21.333	ug/l	96
5) Bromomethane	2.971	94	74141	18.060	ug/l	93
6) Chloroethane	3.130	64	59924	20.023	ug/l	96
7) Trichlorofluoromethane	3.512	101	219488	21.058	ug/l	100
8) Diethyl Ether	3.977	74	76973	20.308	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	124048	20.416	ug/l	100
10) Methyl Iodide	4.606	142	185902	21.329	ug/l	99
11) Tert butyl alcohol	5.542	59	89223	93.005	ug/l	99
12) 1,1-Dichloroethene	4.354	96	114817	19.900	ug/l	97
13) Acrolein	4.195	56	119995	91.312	ug/l	98
14) Allyl chloride	5.042	41	144674	19.176	ug/l	91
15) Acrylonitrile	5.736	53	268936	100.111	ug/l	100
16) Acetone	4.448	43	221017	102.721	ug/l	99
17) Carbon Disulfide	4.730	76	301101	20.536	ug/l	98
18) Methyl Acetate	5.042	43	146049	20.137	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	383118	20.436	ug/l	99
20) Methylene Chloride	5.289	84	134050	19.543	ug/l	97
21) trans-1,2-Dichloroethene	5.801	96	125173	20.593	ug/l	98
22) Diisopropyl ether	6.683	45	345005	20.527	ug/l	96
23) Vinyl Acetate	6.618	43	1097998	101.366	ug/l	97
24) 1,1-Dichloroethane	6.583	63	217260	20.362	ug/l	99
25) 2-Butanone	7.495	43	334643	99.753	ug/l	100
26) 2,2-Dichloropropane	7.500	77	180711	20.097	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	144561	20.313	ug/l	99
28) Bromochloromethane	7.824	49	91617	20.737	ug/l	99
29) Tetrahydrofuran	7.847	42	218871	102.529	ug/l	99
30) Chloroform	7.977	83	235751	20.126	ug/l	98
31) Cyclohexane	8.265	56	206654	16.244	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	213641	20.458	ug/l	93
36) 1,1-Dichloropropene	8.383	75	172030	20.321	ug/l	99
37) Ethyl Acetate	7.571	43	131892	19.532	ug/l	98
38) Carbon Tetrachloride	8.365	117	186438	20.212	ug/l	98
39) Methylcyclohexane	9.606	83	215402	20.975	ug/l	99
40) Benzene	8.612	78	528596	20.510	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	76850	21.311	ug/l	96
42) 1,2-Dichloroethane	8.677	62	174246	20.344	ug/l	99
43) Isopropyl Acetate	8.694	43	219634	20.000	ug/l	100
44) Trichloroethene	9.353	130	138030	20.032	ug/l	95
45) 1,2-Dichloropropane	9.630	63	125097	20.007	ug/l	98
46) Dibromomethane	9.712	93	88841	19.813	ug/l	98
47) Bromodichloromethane	9.889	83	181042	20.176	ug/l	99
48) Methyl methacrylate	9.683	41	105885	20.186	ug/l	98
49) 1,4-Dioxane	9.700	88	48347	391.278	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	680183	103.350	ug/l	99
52) Toluene	10.636	92	338382	20.571	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	179700	20.690	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	201925	20.606	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	132394	20.563	ug/l	98
56) Ethyl methacrylate	10.877	69	186166	21.542	ug/l	99
57) 1,3-Dichloropropane	11.165	76	214511	20.187	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	258363	90.698	ug/l	100
59) 2-Hexanone	11.200	43	485411	101.518	ug/l	98
60) Dibromochloromethane	11.365	129	140334	20.511	ug/l	98
61) 1,2-Dibromoethane	11.471	107	131084	20.381	ug/l	99
64) Tetrachloroethene	11.106	164	137053	18.900	ug/l	98
65) Chlorobenzene	11.894	112	350203	19.713	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	131735	20.235	ug/l	98
67) Ethyl Benzene	11.965	91	646531	20.675	ug/l	99
68) m/p-Xylenes	12.071	106	505130	41.651	ug/l	99
69) o-Xylene	12.400	106	245835	20.625	ug/l	96
70) Styrene	12.412	104	397820	20.986	ug/l	99
71) Bromoform	12.582	173	94330	20.304	ug/l #	100
73) Isopropylbenzene	12.700	105	647328	21.149	ug/l	100
74) N-amyl acetate	12.494	43	185679	20.813	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	180063	20.298	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	158960m	19.081	ug/l	
77) Bromobenzene	12.982	156	144561	20.074	ug/l	99
78) n-propylbenzene	13.035	91	724938	21.286	ug/l	100
79) 2-Chlorotoluene	13.129	91	445546	20.609	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	550278	21.208	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	48106	20.481	ug/l	93
82) 4-Chlorotoluene	13.129	91	445546	20.609	ug/l	99
83) tert-Butylbenzene	13.441	119	492592	21.350	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	541998	21.057	ug/l	99
85) sec-Butylbenzene	13.618	105	674990	21.703	ug/l	100
86) p-Isopropyltoluene	13.729	119	551377	21.770	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	265114	19.873	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	262313	19.494	ug/l	99
89) n-Butylbenzene	14.059	91	416223	20.716	ug/l	99
90) Hexachloroethane	14.335	117	88932	20.565	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	264609	20.214	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	30307	19.820	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	111807	19.380	ug/l	100
94) Hexachlorobutadiene	15.506	225	64763	19.552	ug/l	99
95) Naphthalene	15.641	128	332397	19.561	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	109823	19.802	ug/l	98

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

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Manual Integrations

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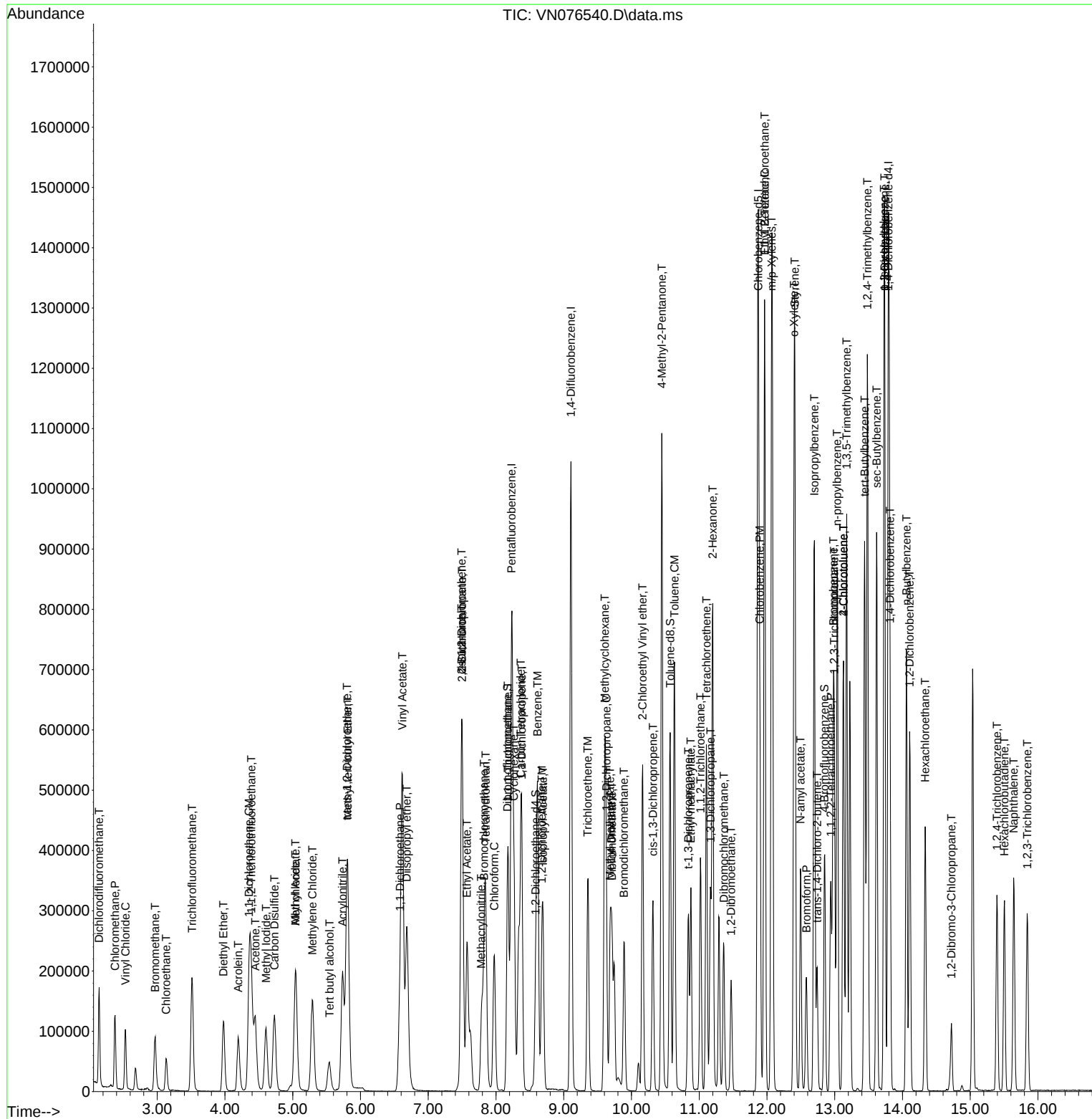
Quant Time: Feb 07 00:59:25 2023

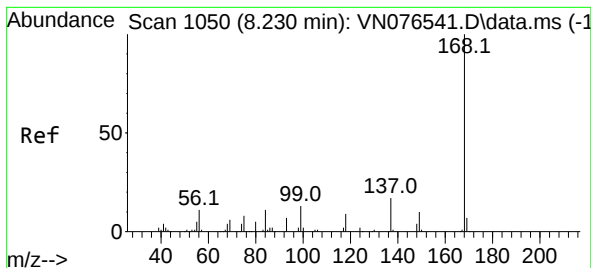
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M

Quant Title : SW846 8260

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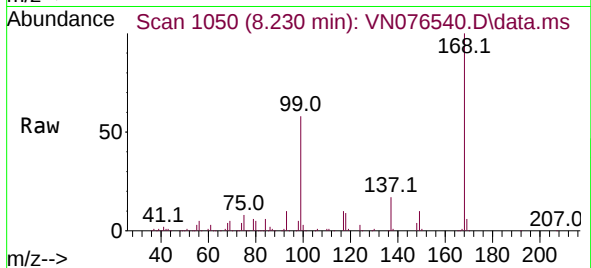
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076540.D
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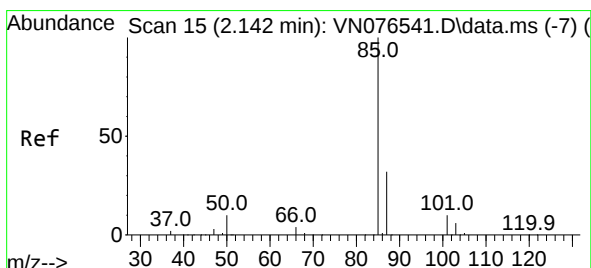
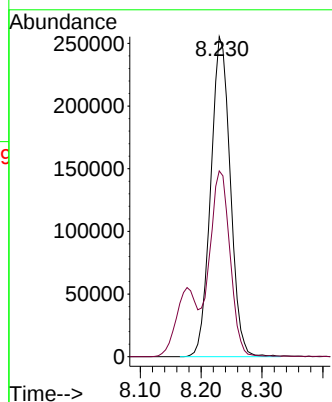
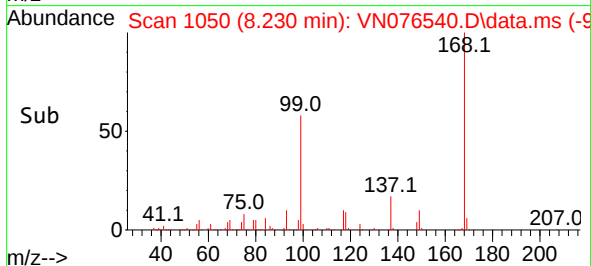
Instrument :
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Tgt Ion:168 Resp: 56998
Ion Ratio Lower Upper
168 100
99 57.9 47.1 70.7

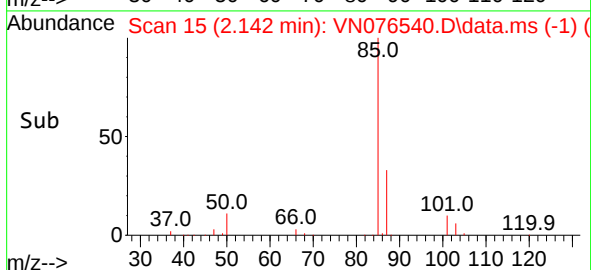
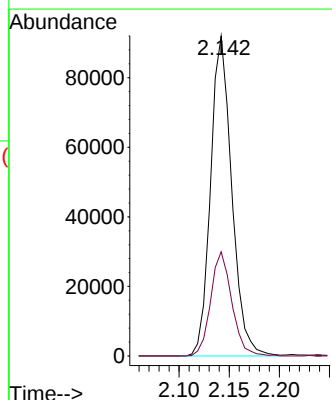
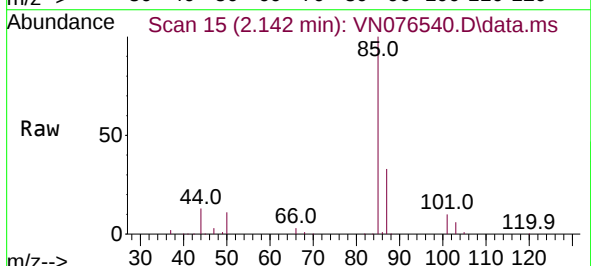
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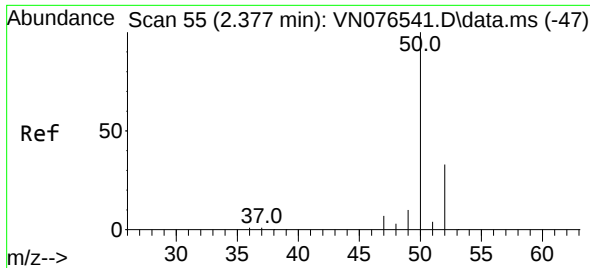
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#2
Dichlorodifluoromethane
Concen: 20.866 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Tgt Ion: 85 Resp: 135332
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6





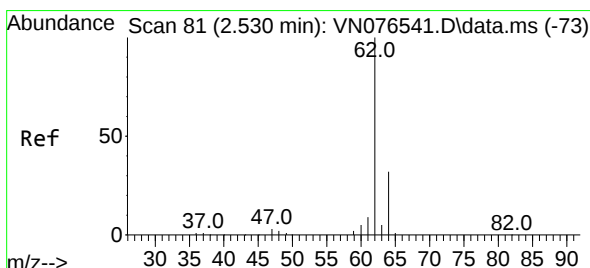
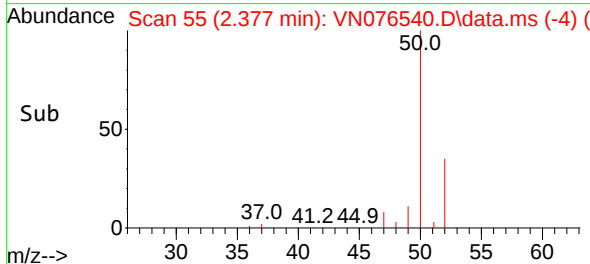
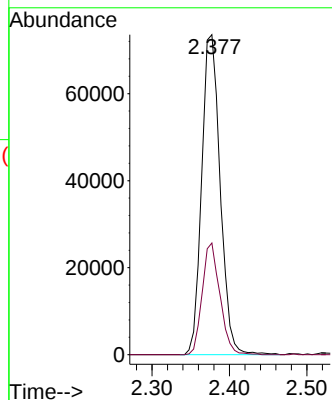
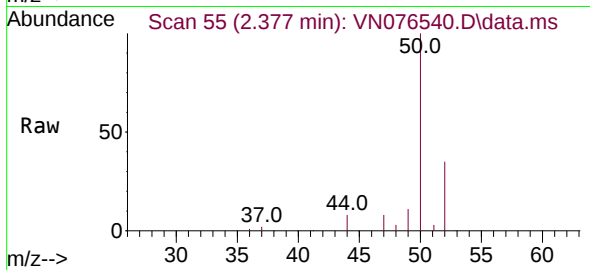
#3
Chloromethane
Concen: 21.091 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Instrument :
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ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 12218
Ion Ratio Lower Upper
50 100
52 34.9 26.6 40.0

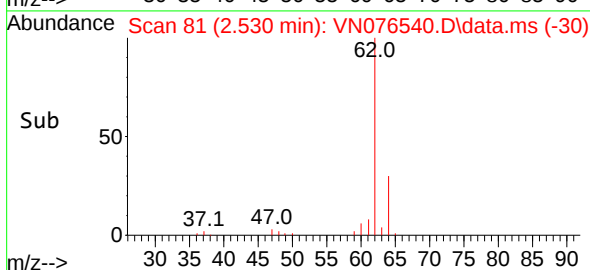
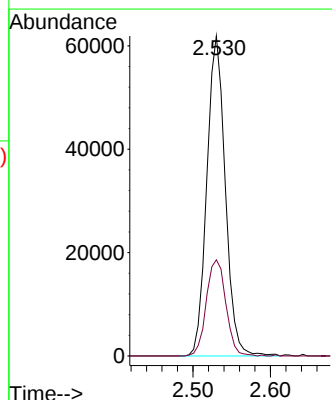
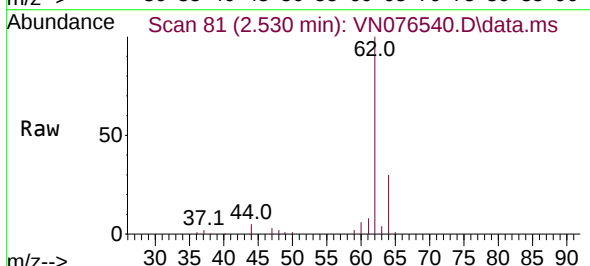
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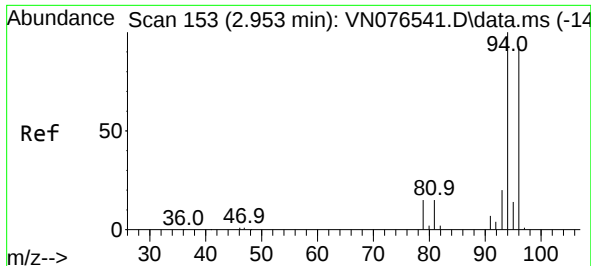
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#4
Vinyl Chloride
Concen: 21.333 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

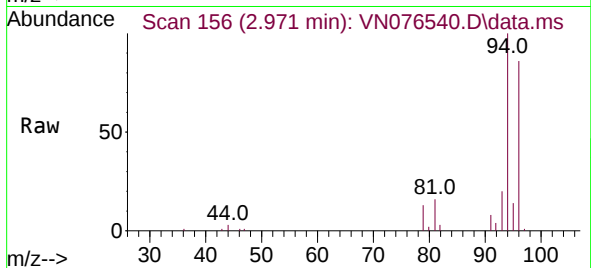
Tgt Ion: 62 Resp: 102204
Ion Ratio Lower Upper
62 100
64 30.0 25.9 38.9





#5
Bromomethane
Concen: 18.060 ug/l
RT: 2.971 min Scan# 156
Delta R.T. 0.018 min
Lab File: VN076540.D
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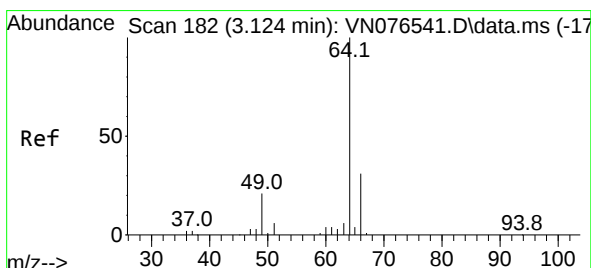
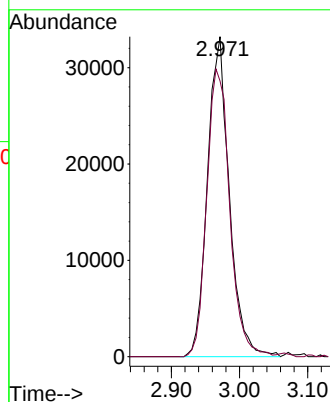
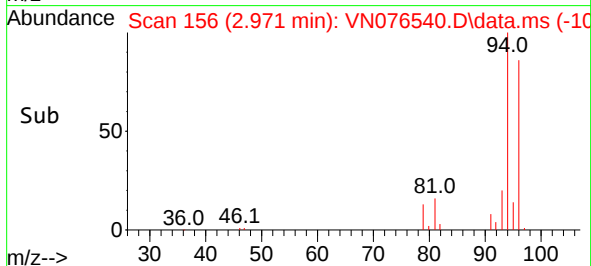
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Tgt Ion: 94 Resp: 7414
Ion Ratio Lower Upper
94 100
96 86.1 74.1 111.1

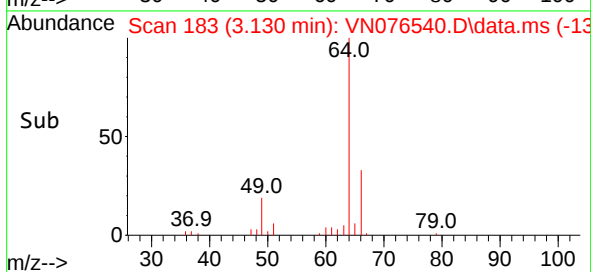
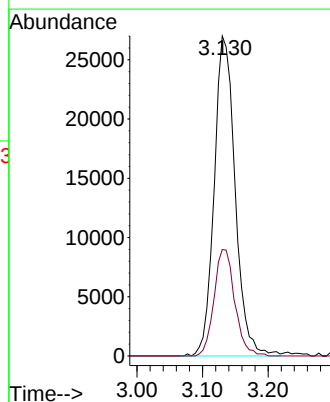
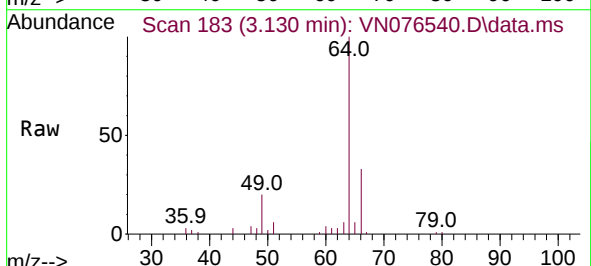
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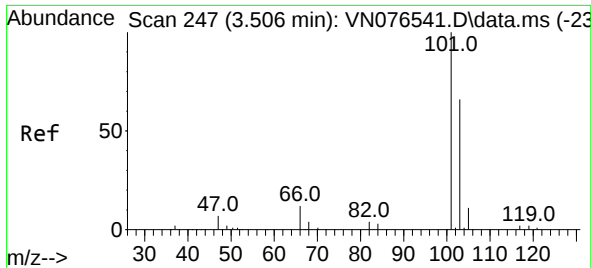
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#6
Chloroethane
Concen: 20.023 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

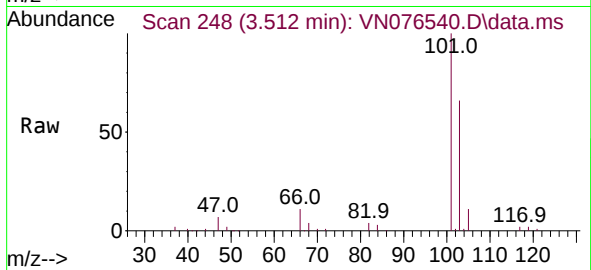
Tgt Ion: 64 Resp: 59924
Ion Ratio Lower Upper
64 100
66 33.3 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 21.058 ug/l
 RT: 3.512 min Scan# 247
 Delta R.T. 0.006 min
 Lab File: VN076540.D
 Acq: 06 Feb 2023 13:34

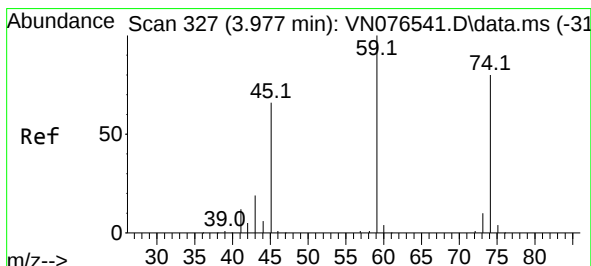
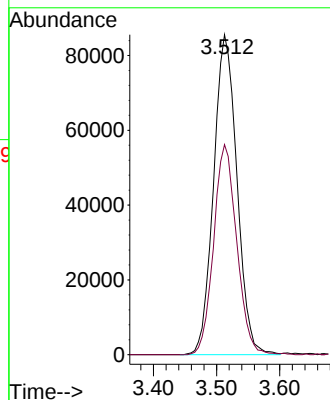
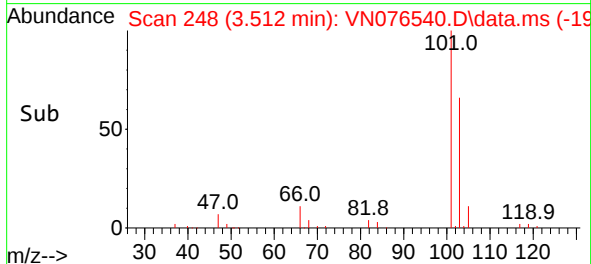
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Tgt Ion:101 Resp: 21948
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.6 78.8

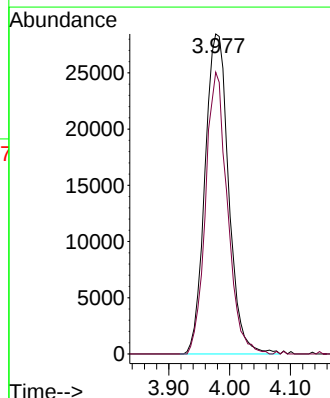
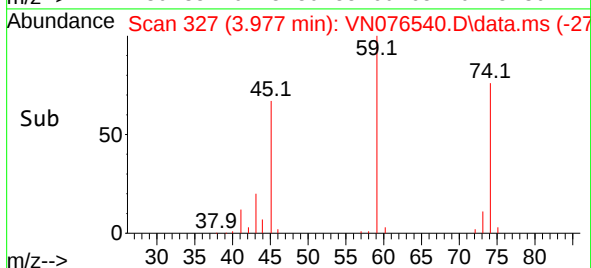
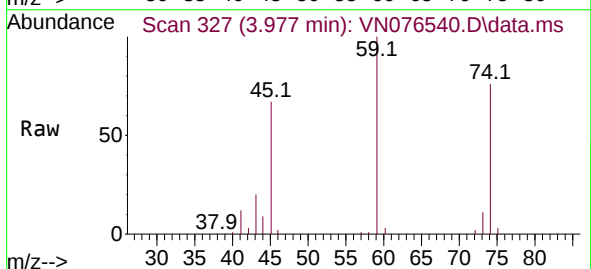
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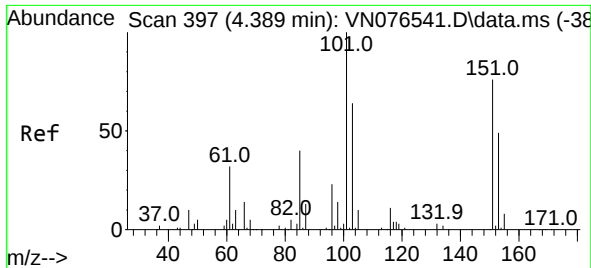
Reviewed By :John Carlone 02/07/2023
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#8
 Diethyl Ether
 Concen: 20.308 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.000 min
 Lab File: VN076540.D
 Acq: 06 Feb 2023 13:34

Tgt Ion: 74 Resp: 76973
 Ion Ratio Lower Upper
 74 100
 45 81.1 40.8 122.5





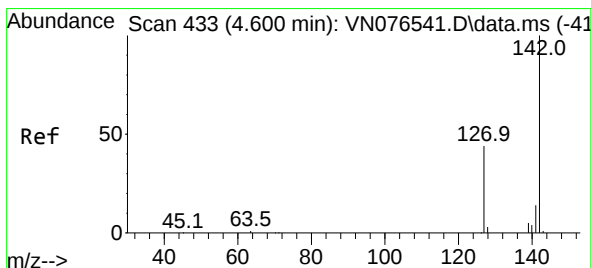
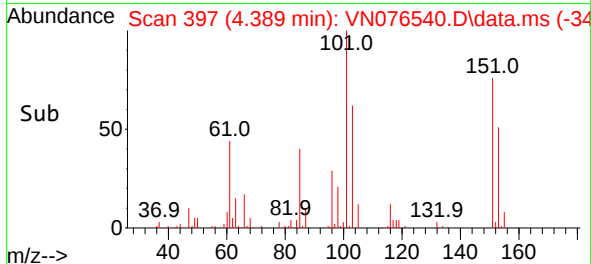
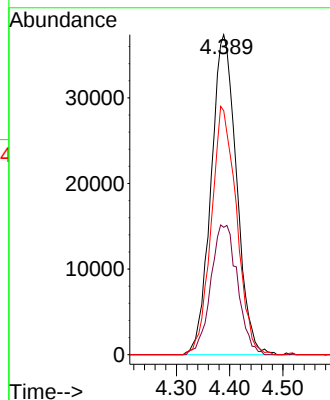
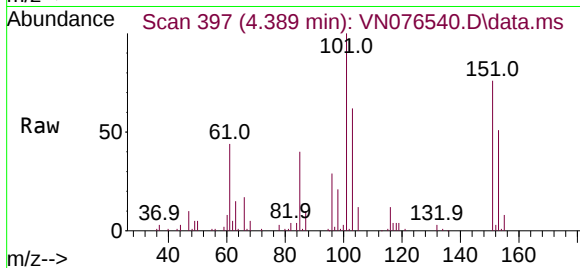
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.416 ug/l
RT: 4.389 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 124048
Ion Ratio Lower Upper
101 100
85 42.6 33.9 50.9
151 76.7 61.2 91.8

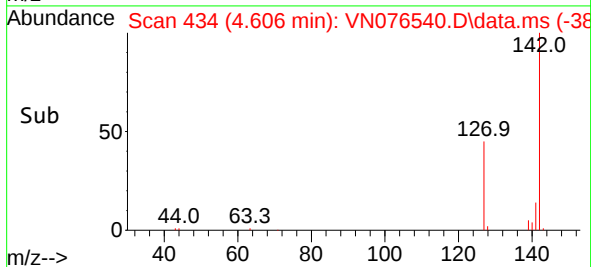
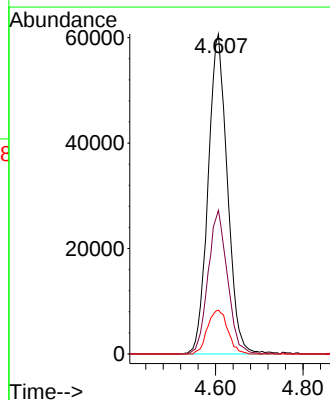
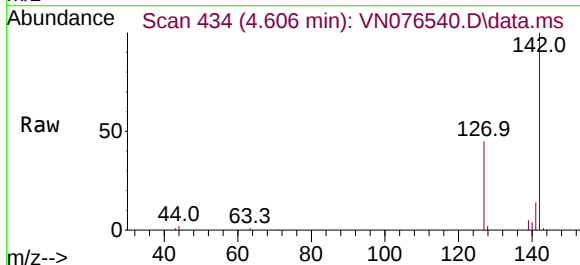
Manual Integrations
APPROVED

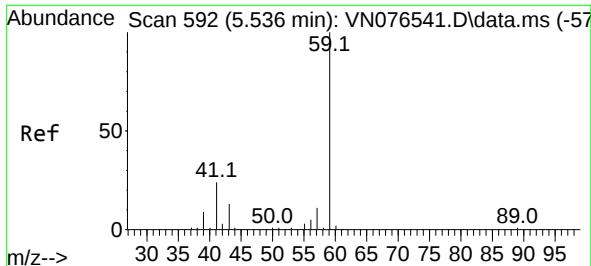
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#10
Methyl Iodide
Concen: 21.329 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Tgt Ion:142 Resp: 185902
Ion Ratio Lower Upper
142 100
127 44.9 35.5 53.3
141 14.4 11.3 16.9





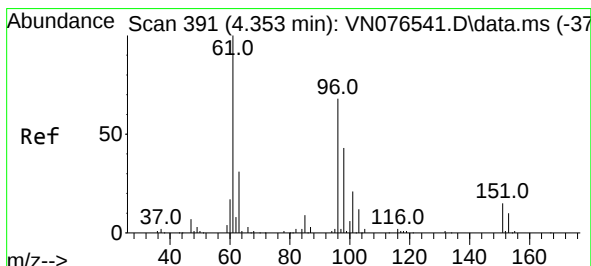
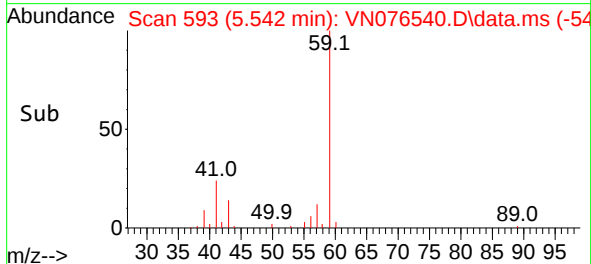
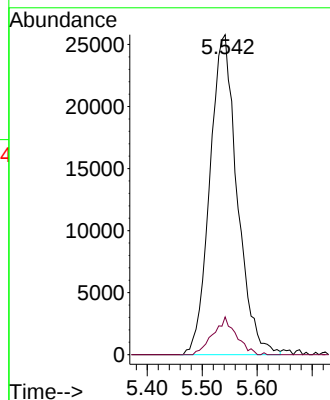
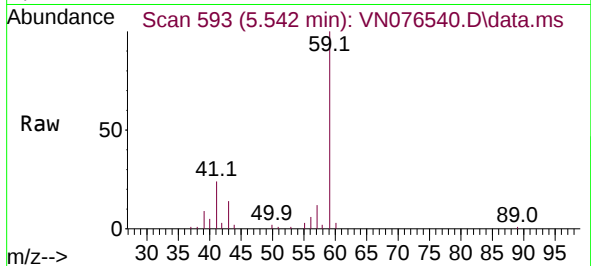
#11
Tert butyl alcohol
Concen: 93.005 ug/l
RT: 5.542 min Scan# 592
Delta R.T. 0.006 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 8922
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2

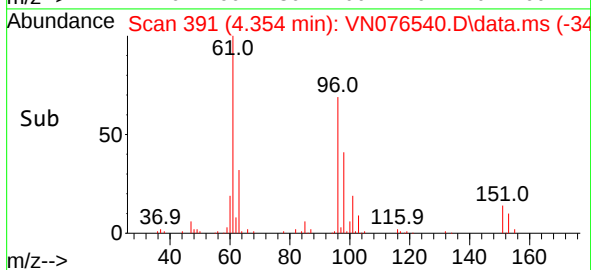
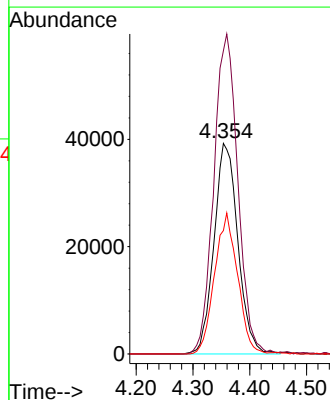
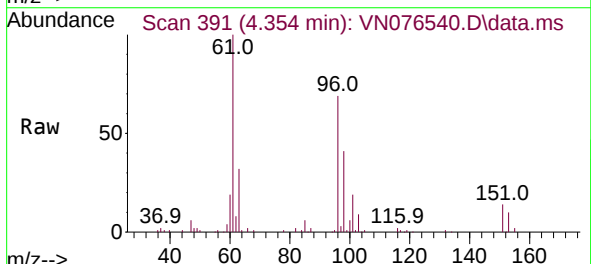
Manual Integrations
APPROVED

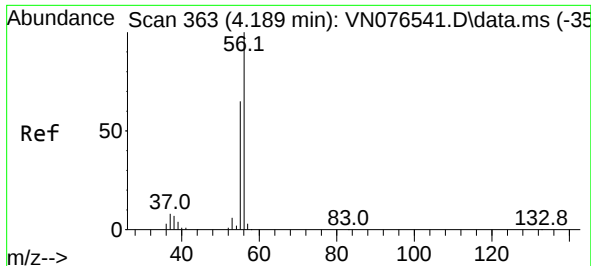
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#12
1,1-Dichloroethene
Concen: 19.900 ug/l
RT: 4.354 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Tgt Ion: 96 Resp: 114817
Ion Ratio Lower Upper
96 100
61 144.0 117.9 176.9
98 58.6 50.2 75.2





#13

Acrolein

Concen: 91.312 ug/l

RT: 4.195 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 11999

Ion Ratio Lower Upper

56 100

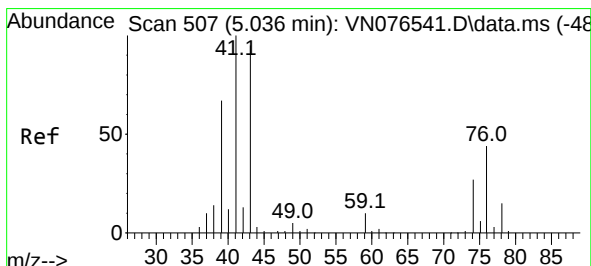
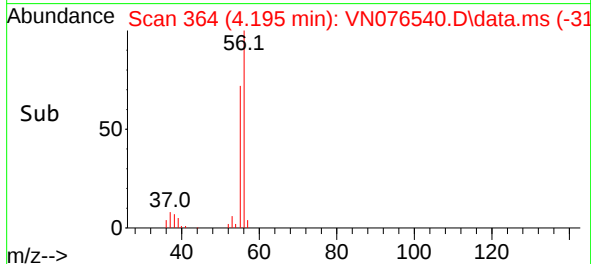
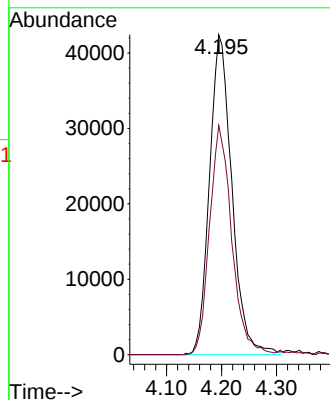
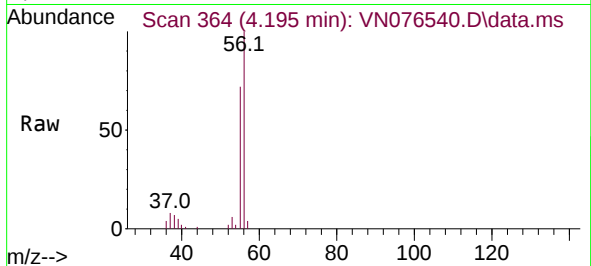
55 71.0 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#14

Allyl chloride

Concen: 19.176 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

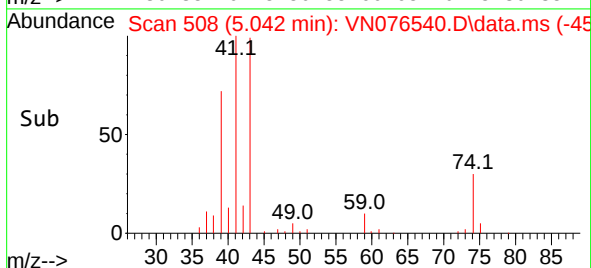
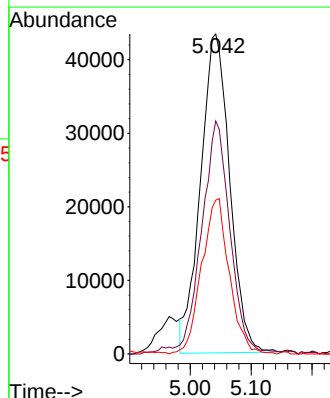
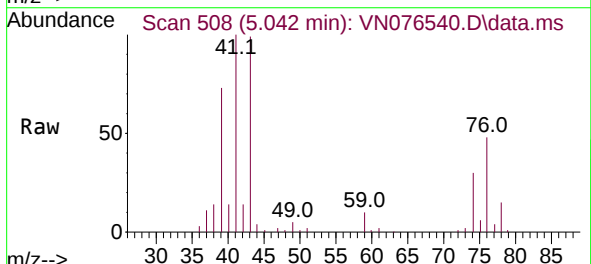
Tgt Ion: 41 Resp: 144674

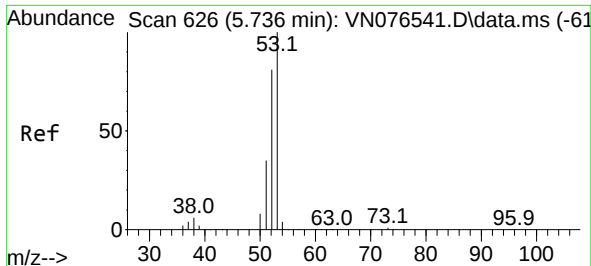
Ion Ratio Lower Upper

41 100

39 71.9 51.6 77.4

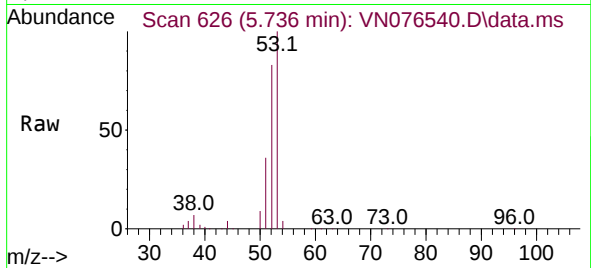
76 46.1 33.1 49.7





#15
Acrylonitrile
Concen: 100.111 ug/l
RT: 5.736 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

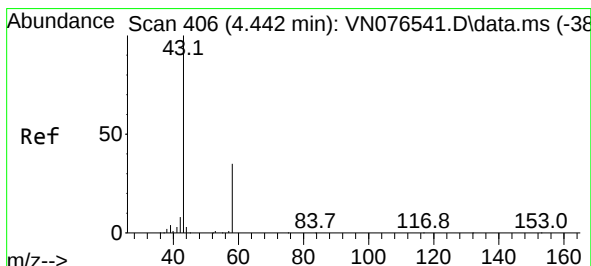
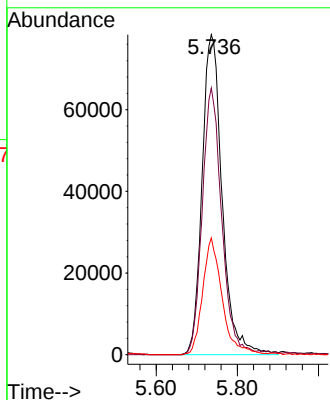
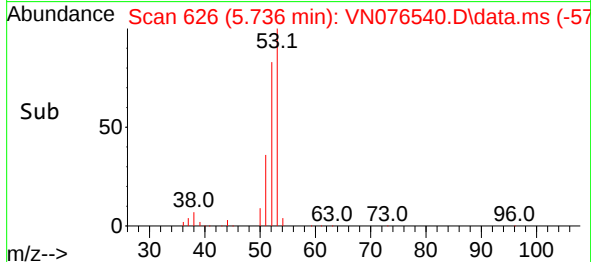
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 268930
Ion Ratio Lower Upper
53 100
52 81.0 65.0 97.4
51 35.3 28.7 43.1

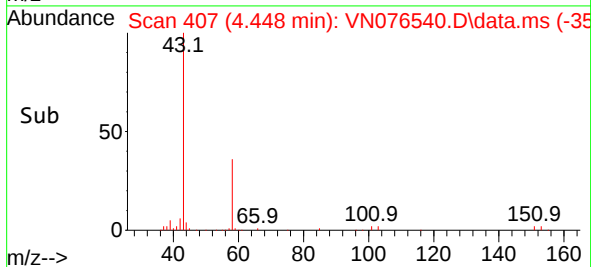
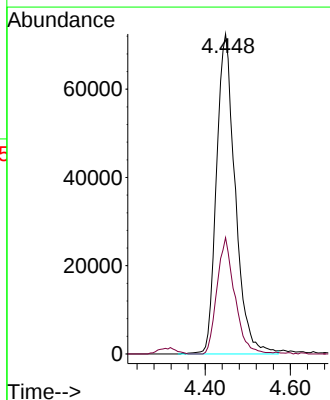
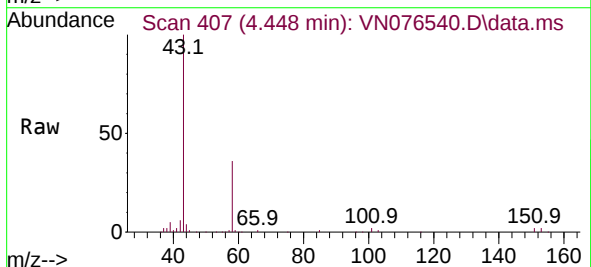
Manual Integrations
APPROVED

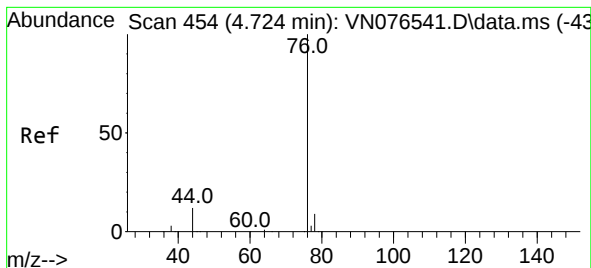
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#16
Acetone
Concen: 102.721 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Tgt Ion: 43 Resp: 221017
Ion Ratio Lower Upper
43 100
58 35.9 28.3 42.5





#17

Carbon Disulfide

Concen: 20.536 ug/l

RT: 4.730 min Scan# 411

Delta R.T. 0.006 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 30110

Ion Ratio Lower Upper

76 100

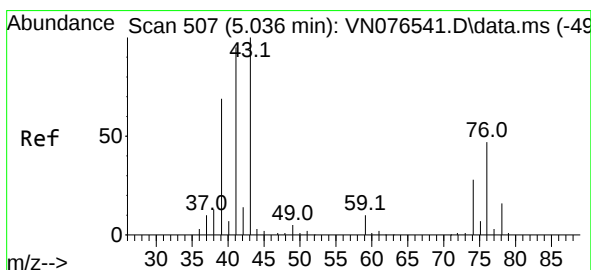
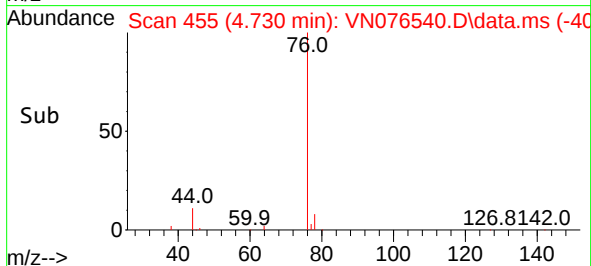
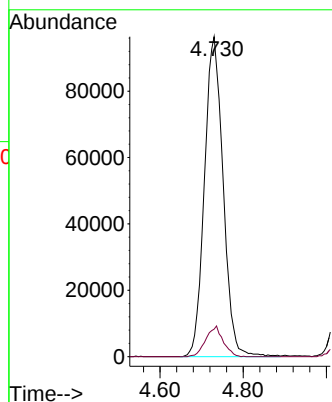
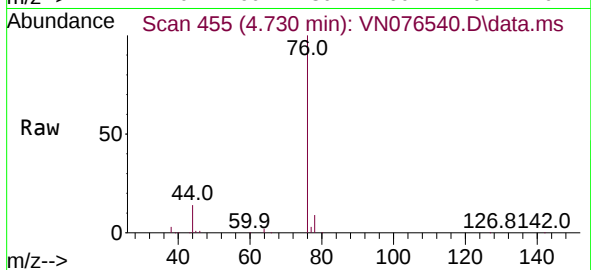
78 8.6 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#18

Methyl Acetate

Concen: 20.137 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN076540.D

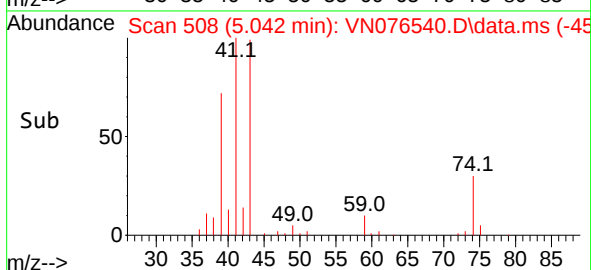
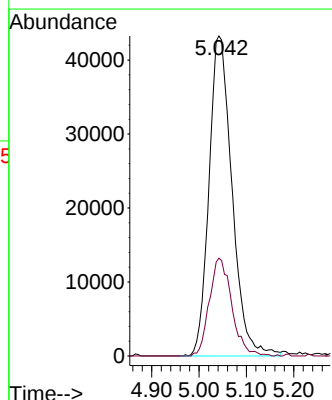
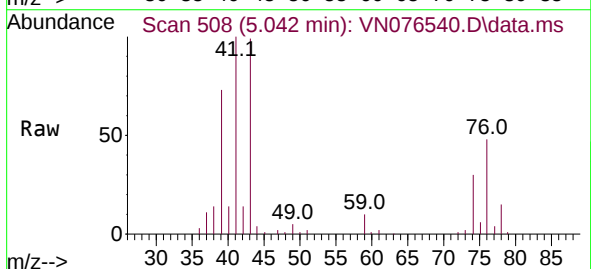
Acq: 06 Feb 2023 13:34

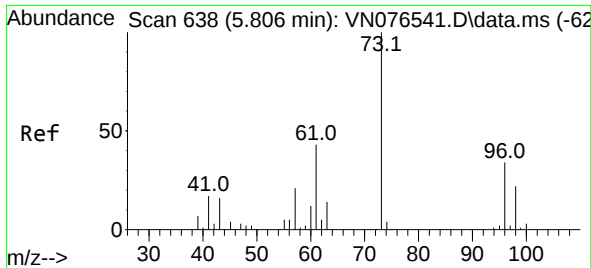
Tgt Ion: 43 Resp: 146049

Ion Ratio Lower Upper

43 100

74 29.7 23.6 35.4





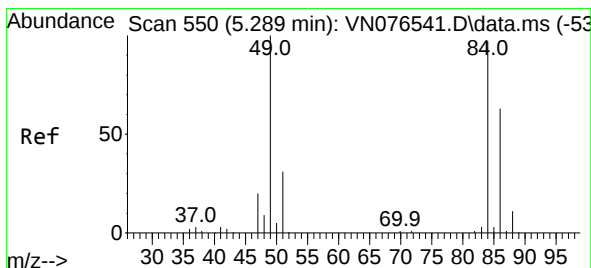
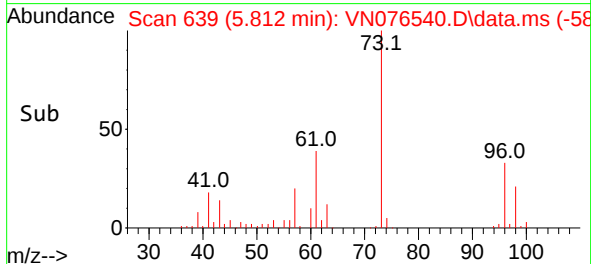
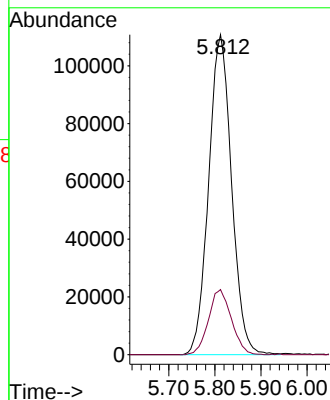
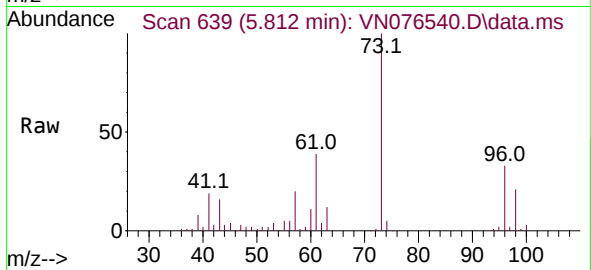
#19
Methyl tert-butyl Ether
Concen: 20.436 ug/l
RT: 5.812 min Scan# 618
Delta R.T. 0.006 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 383118
Ion Ratio Lower Upper
73 100
57 20.3 16.8 25.2

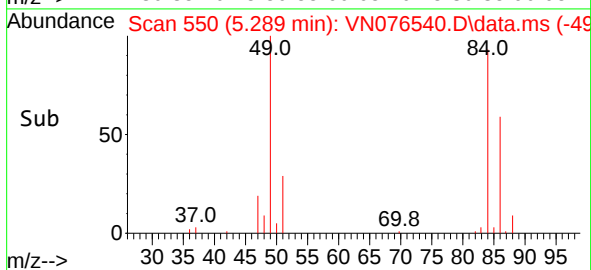
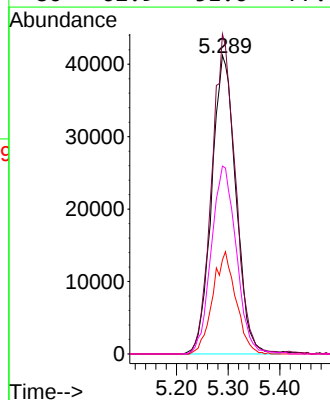
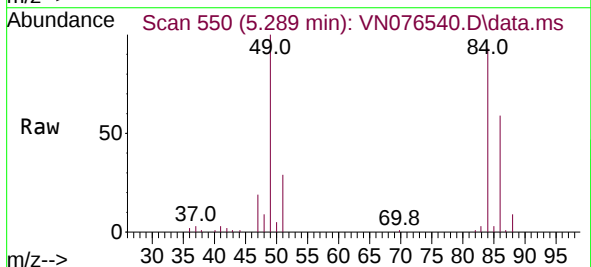
Manual Integrations
APPROVED

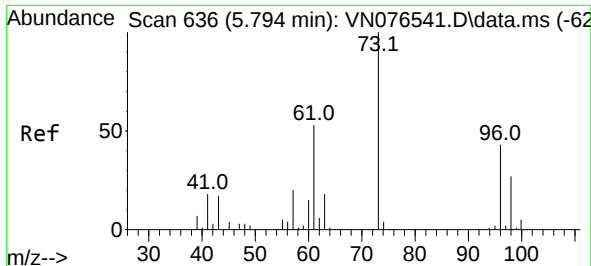
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#20
Methylene Chloride
Concen: 19.543 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

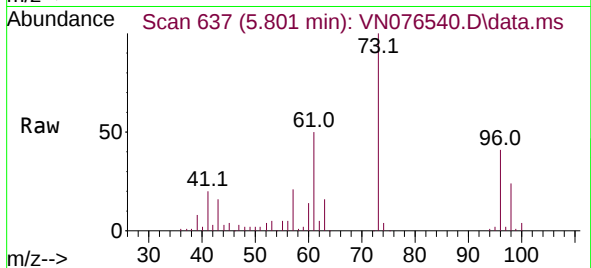
Tgt Ion: 84 Resp: 134050
Ion Ratio Lower Upper
84 100
49 107.2 82.3 123.5
51 31.5 25.9 38.9
86 62.9 51.6 77.4





#21
trans-1,2-Dichloroethene
Concen: 20.593 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

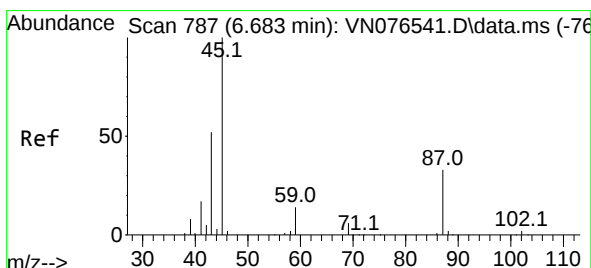
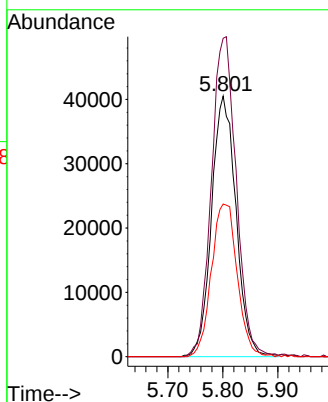
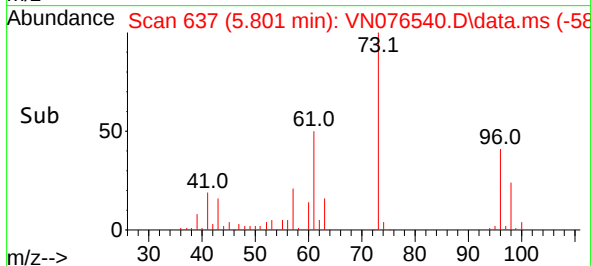
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



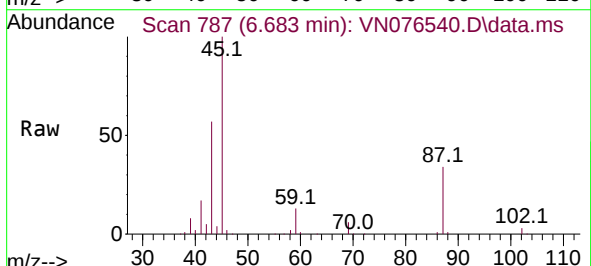
Tgt Ion: 96 Resp: 12517
Ion Ratio Lower Upper
96 100
61 122.2 98.6 148.0
98 58.6 49.9 74.9

Manual Integrations
APPROVED

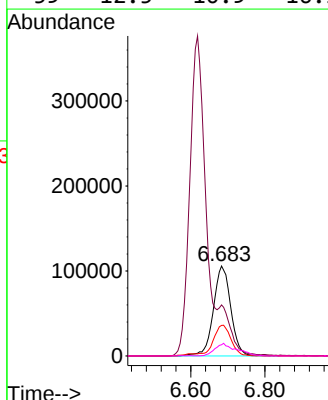
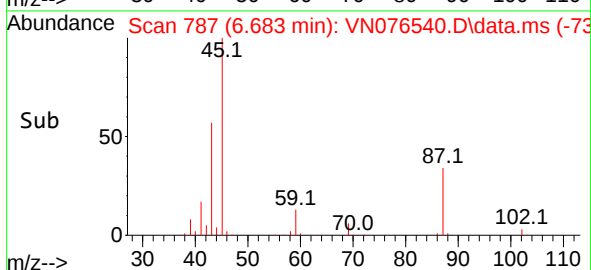
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

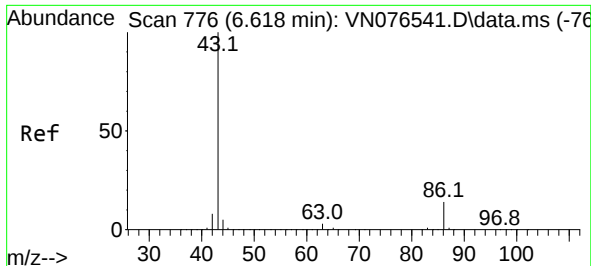


#22
Diisopropyl ether
Concen: 20.527 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34



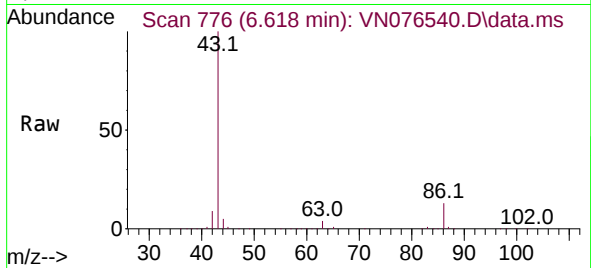
Tgt Ion: 45 Resp: 345005
Ion Ratio Lower Upper
45 100
43 56.3 41.8 62.6
87 34.0 26.6 39.8
59 12.5 10.9 16.3





#23
 Vinyl Acetate
 Concen: 101.366 ug/l
 RT: 6.618 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VN076540.D
 Acq: 06 Feb 2023 13:34

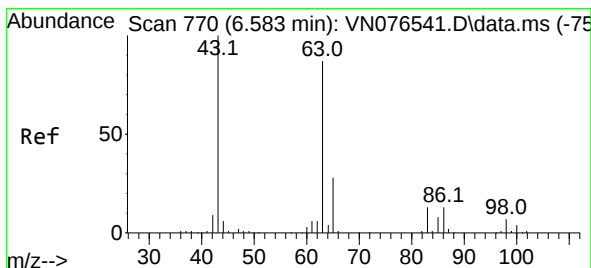
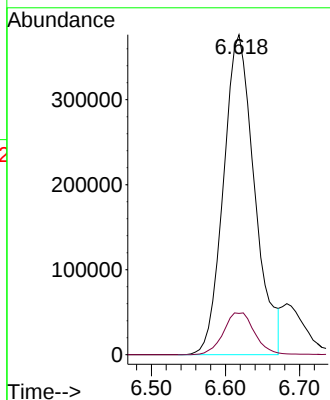
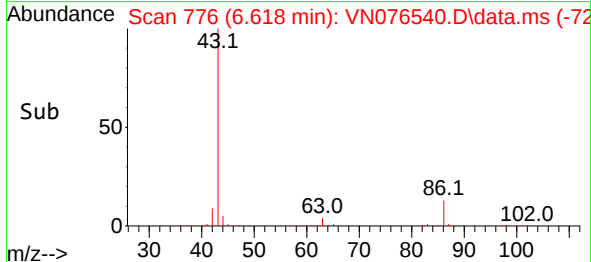
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



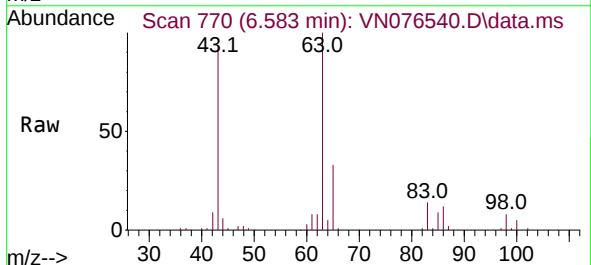
Tgt Ion: 43 Resp: 1097998
 Ion Ratio Lower Upper
 43 100
 86 12.9 11.3 16.9

Manual Integrations
 APPROVED

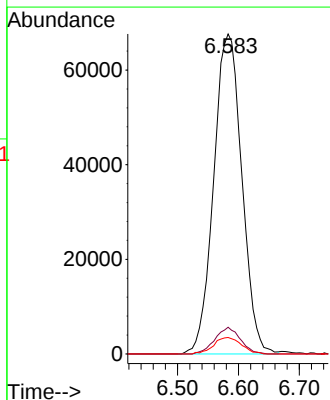
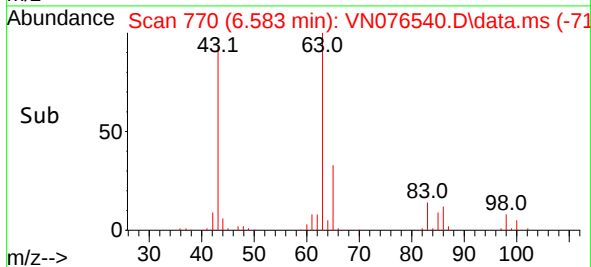
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

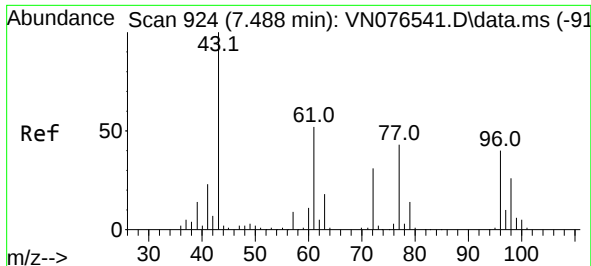


#24
 1,1-Dichloroethane
 Concen: 20.362 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VN076540.D
 Acq: 06 Feb 2023 13:34



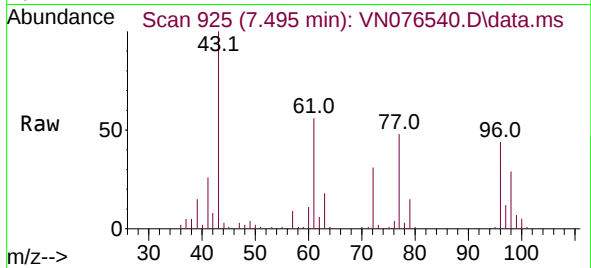
Tgt Ion: 63 Resp: 217260
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.5
 100 5.1 2.5 7.5





#25
2-Butanone
Concen: 99.753 ug/l
RT: 7.495 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

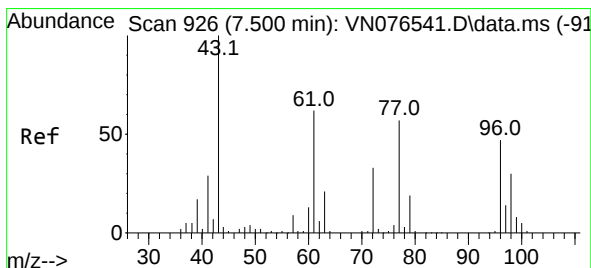
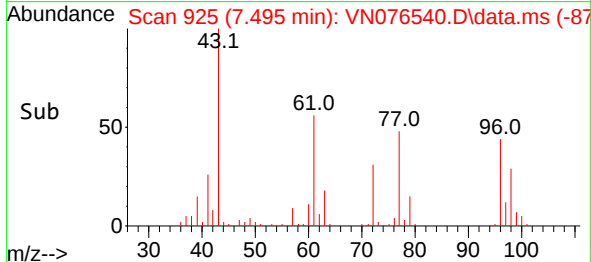
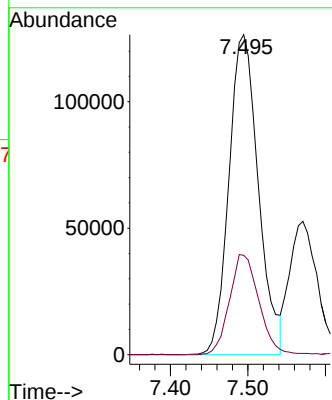
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 33464
Ion Ratio Lower Upper
43 100
72 31.0 24.8 37.2

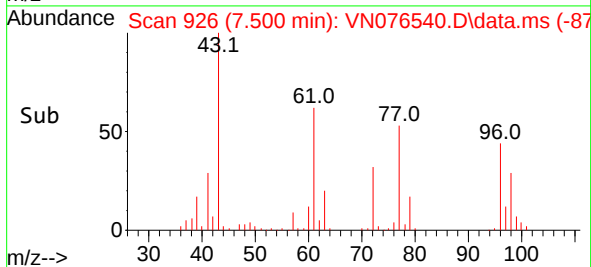
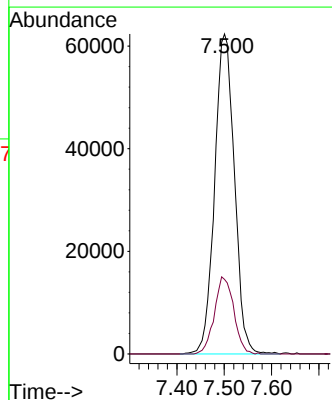
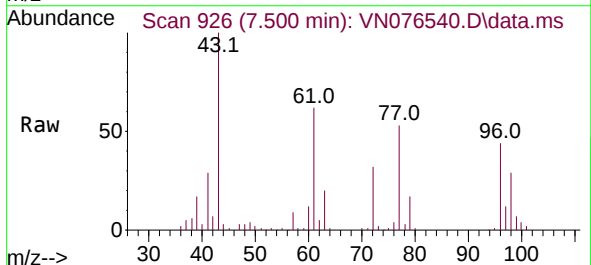
Manual Integrations
APPROVED

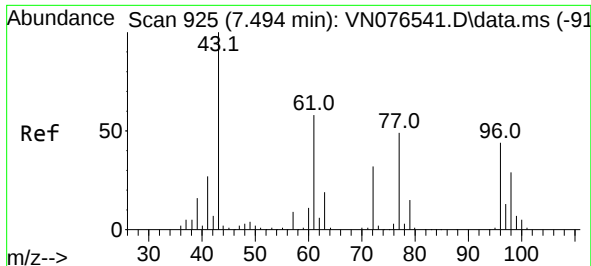
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#26
2,2-Dichloropropane
Concen: 20.097 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Tgt Ion: 77 Resp: 180711
Ion Ratio Lower Upper
77 100
97 23.6 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 20.313 ug/l

RT: 7.495 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 14456

Ion Ratio Lower Upper

96 100

61 133.9 0.0 266.4

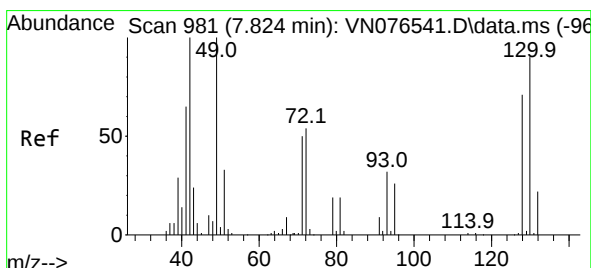
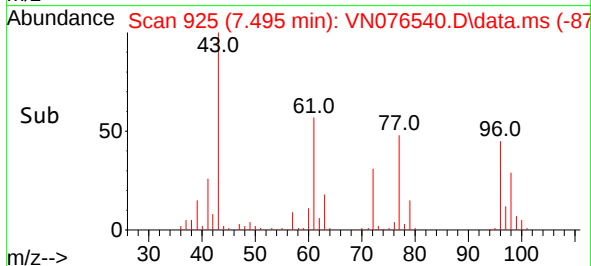
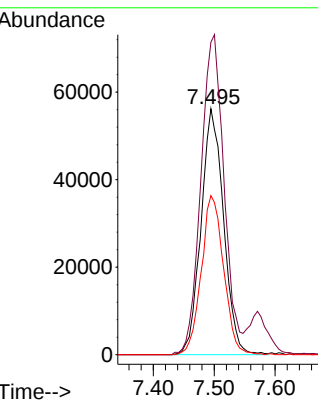
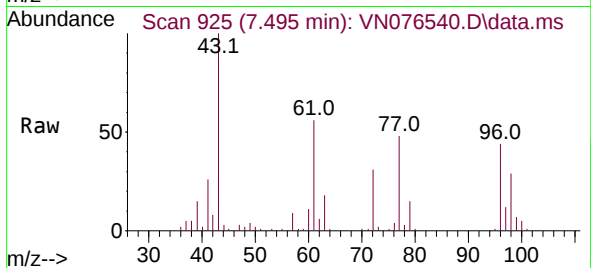
98 64.0 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#28

Bromochloromethane

Concen: 20.737 ug/l

RT: 7.824 min Scan# 981

Delta R.T. 0.000 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

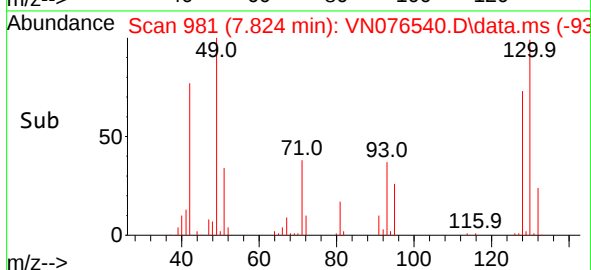
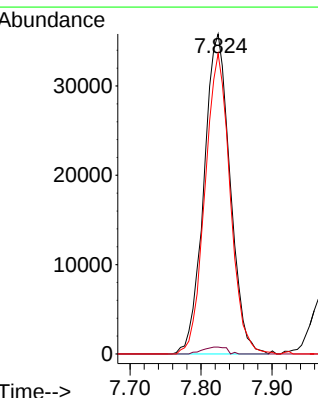
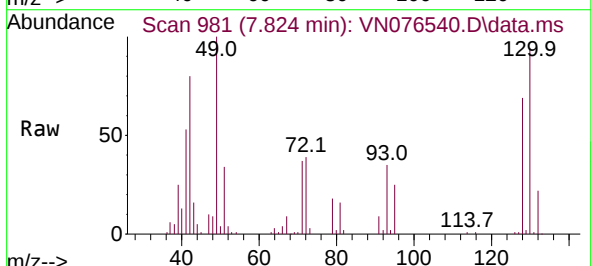
Tgt Ion: 49 Resp: 91617

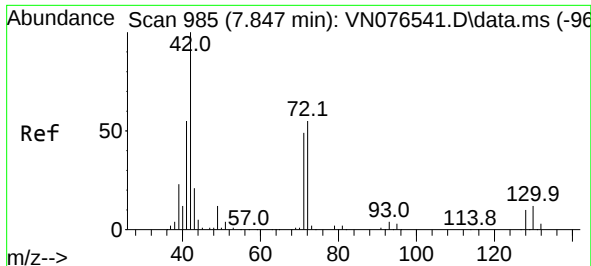
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

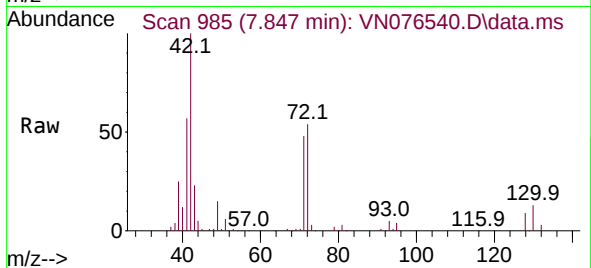
130 90.1 72.6 108.8





#29
Tetrahydrofuran
Concen: 102.529 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

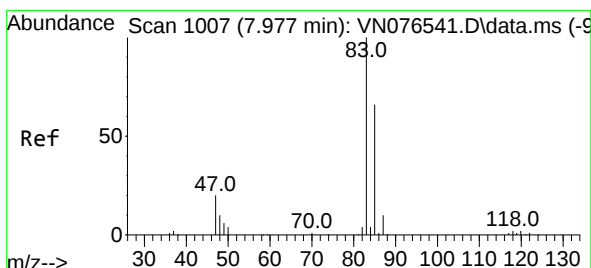
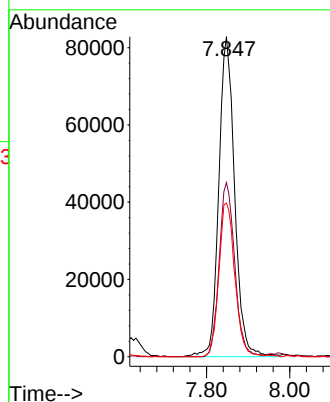
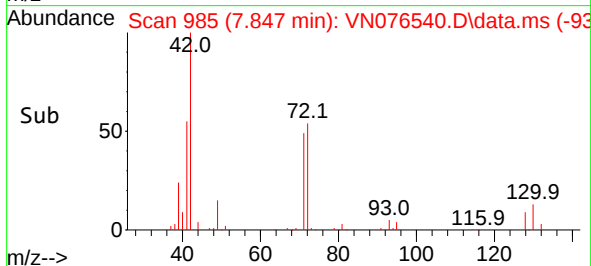
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 42 Resp: 21887
Ion Ratio Lower Upper
42 100
72 53.6 43.4 65.2
71 48.4 39.4 59.2

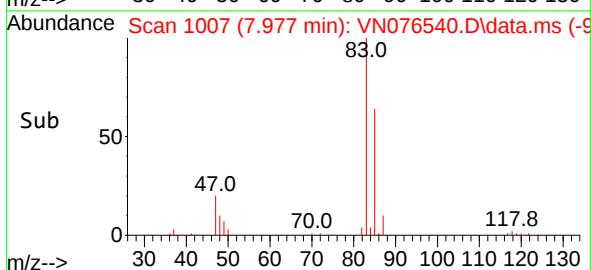
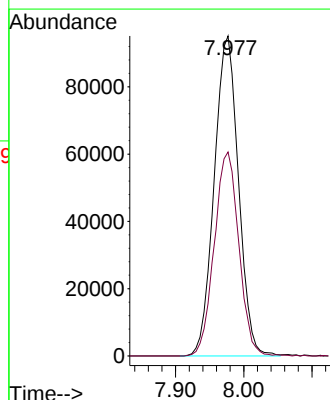
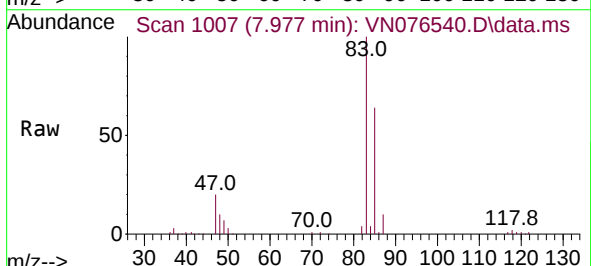
Manual Integrations
APPROVED

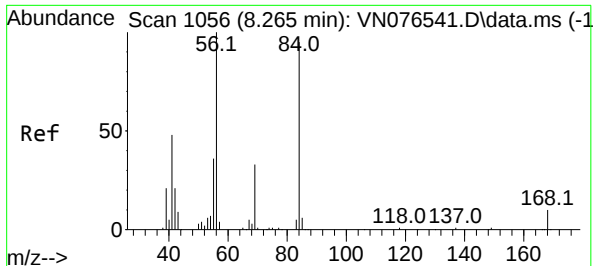
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#30
Chloroform
Concen: 20.126 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

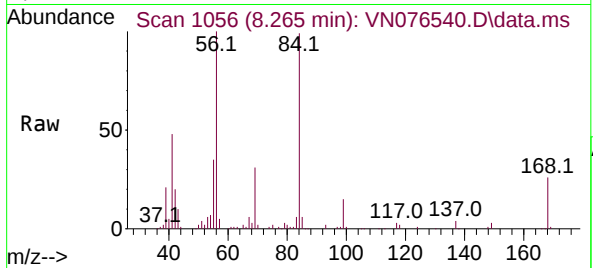
Tgt Ion: 83 Resp: 235751
Ion Ratio Lower Upper
83 100
85 63.8 52.5 78.7





#31
Cyclohexane
Concen: 16.244 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

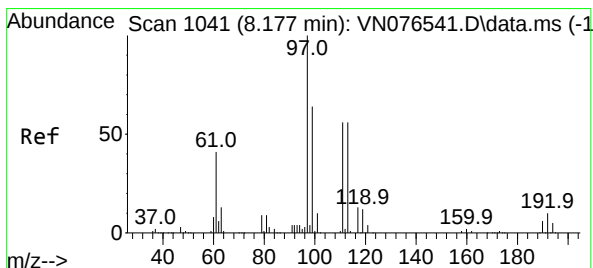
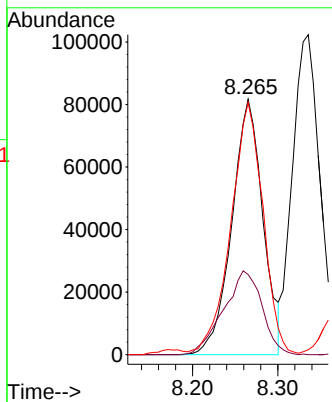
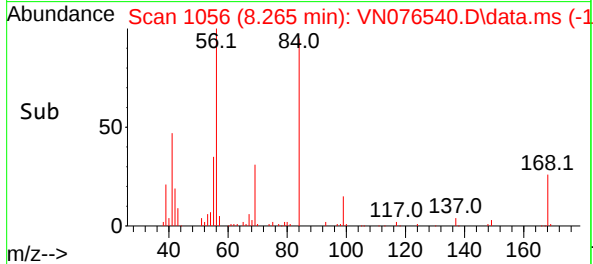
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



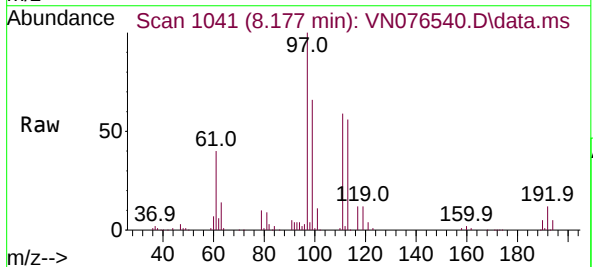
Tgt Ion: 56 Resp: 206654
Ion Ratio Lower Upper
56 100
69 31.4 26.5 39.7
84 96.8 76.2 114.4

Manual Integrations
APPROVED

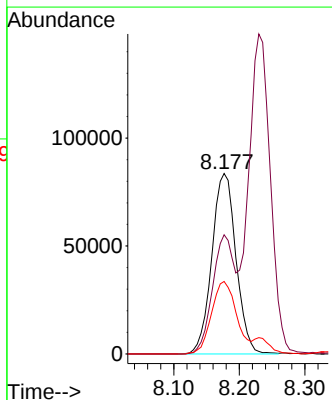
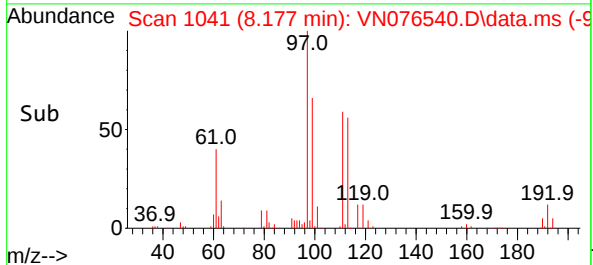
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

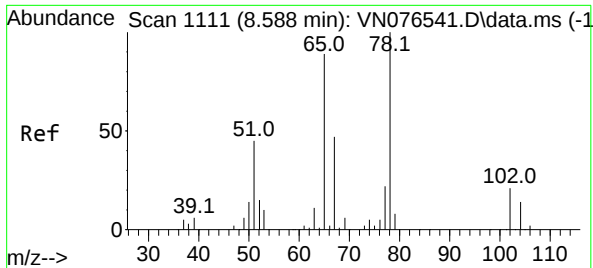


#32
1,1,1-Trichloroethane
Concen: 20.458 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34



Tgt Ion: 97 Resp: 213641
Ion Ratio Lower Upper
97 100
99 58.6 53.7 80.5
61 41.9 34.3 51.5





#33

1,2-Dichloroethane-d4

Concen: 13.548 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 13073

Ion Ratio Lower Upper

65 100

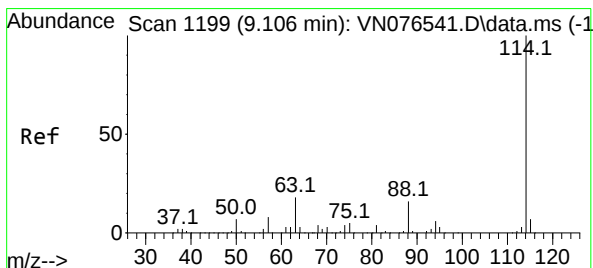
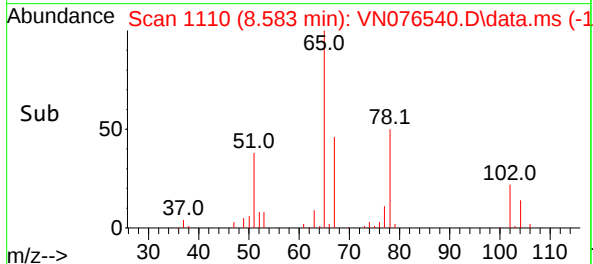
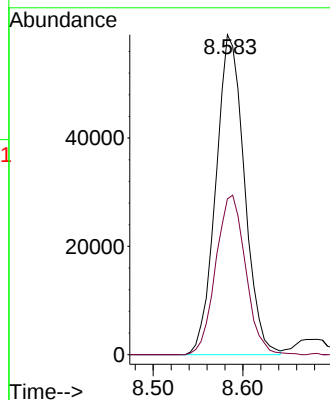
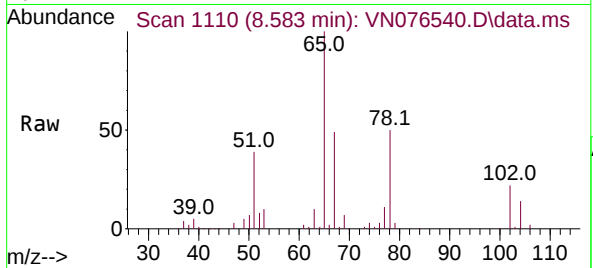
67 52.1 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

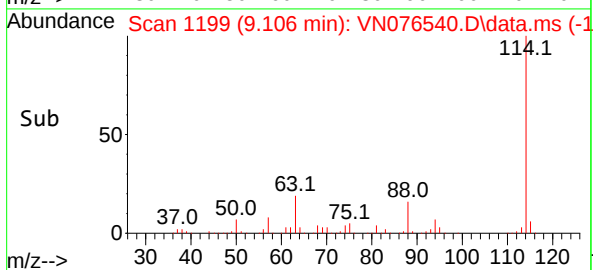
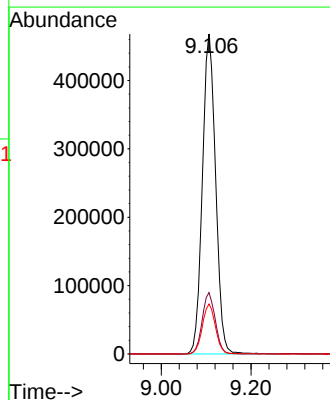
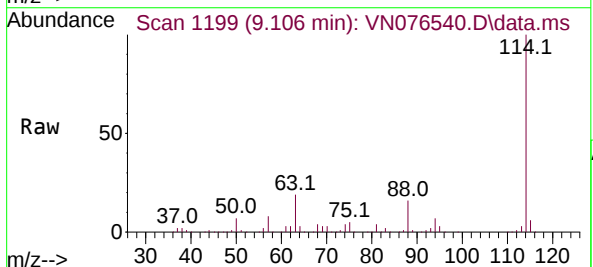
Tgt Ion:114 Resp: 957417

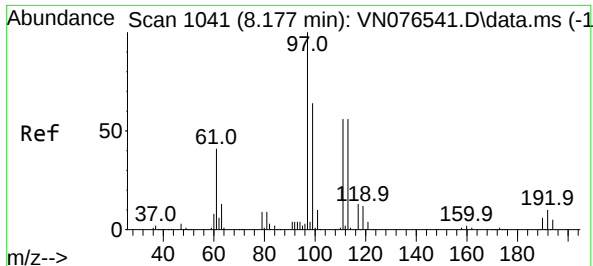
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

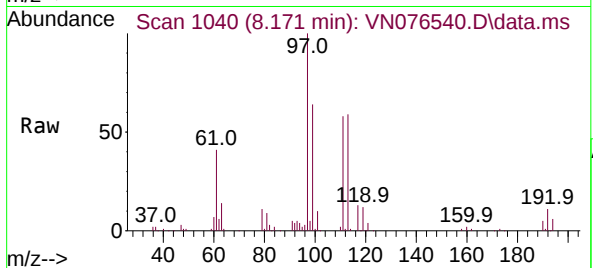
88 15.6 0.0 31.4





#35
Dibromofluoromethane
Concen: 13.846 ug/l
RT: 8.171 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

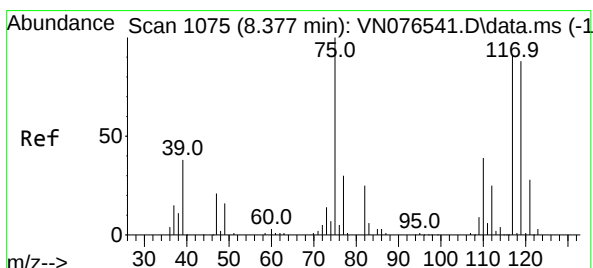
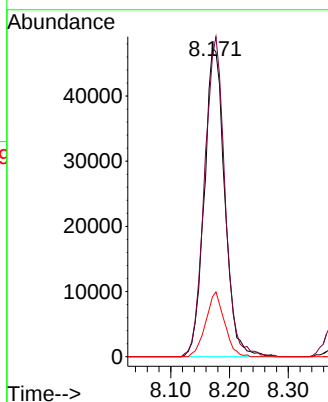
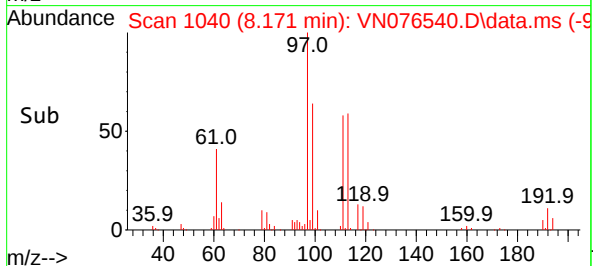
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



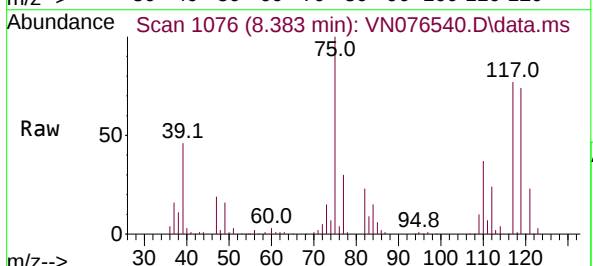
Tgt Ion:113 Resp: 114492
Ion Ratio Lower Upper
113 100
111 103.2 81.5 122.3
192 19.2 15.0 22.4

Manual Integrations
APPROVED

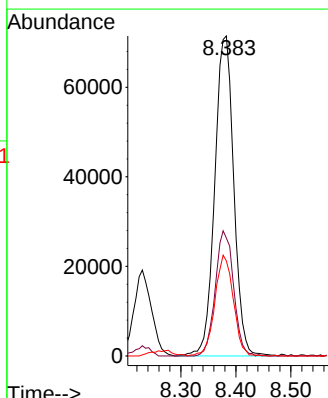
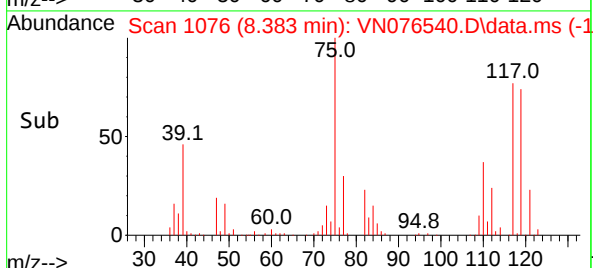
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

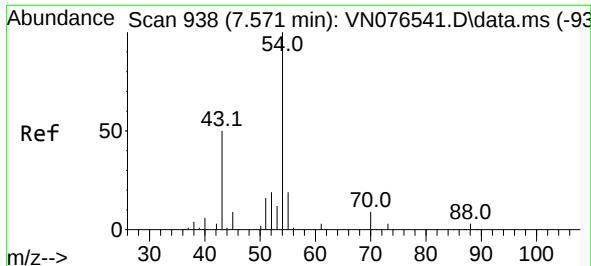


#36
1,1-Dichloropropene
Concen: 20.321 ug/l
RT: 8.383 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34



Tgt Ion: 75 Resp: 172030
Ion Ratio Lower Upper
75 100
110 37.6 18.6 55.6
77 30.5 25.3 37.9





#37

Ethyl Acetate

Concen: 19.532 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 131892

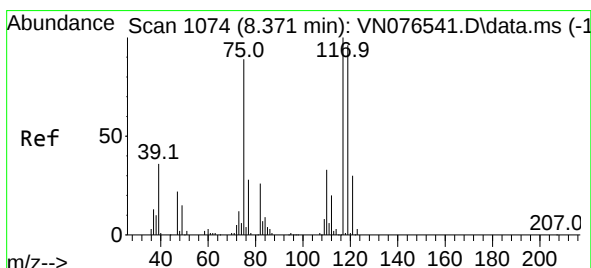
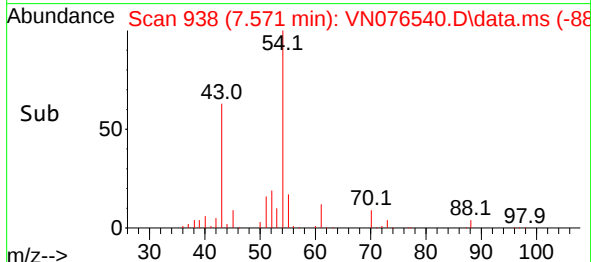
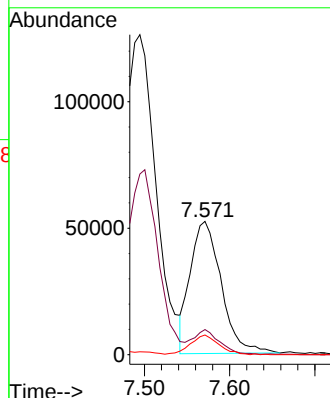
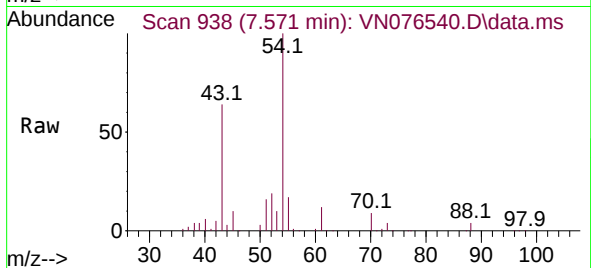
Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.8	17.6
70	13.6	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#38

Carbon Tetrachloride

Concen: 20.212 ug/l

RT: 8.365 min Scan# 1073

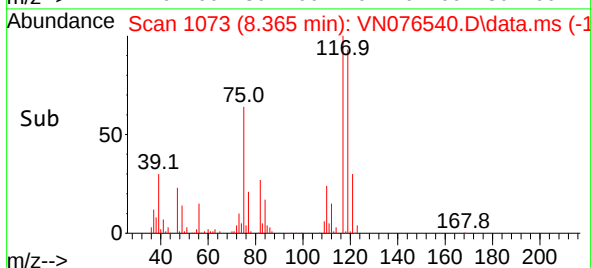
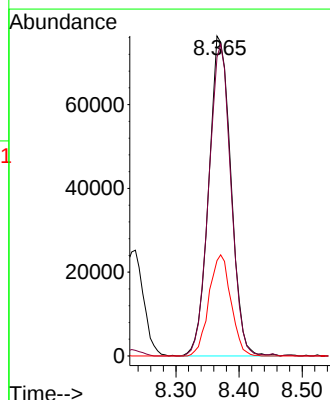
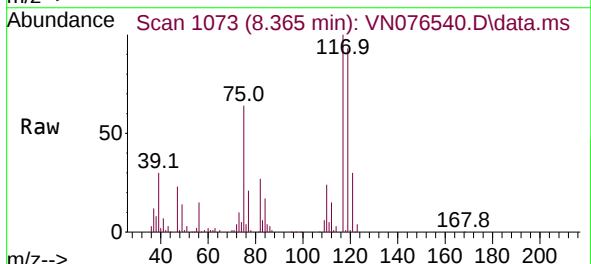
Delta R.T. -0.006 min

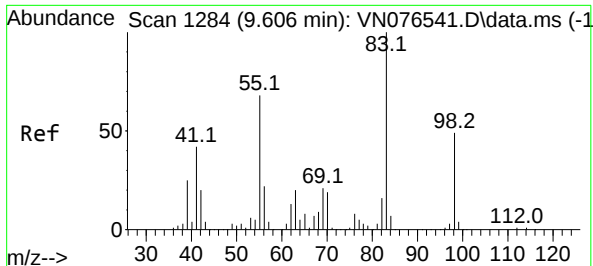
Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Tgt Ion:117 Resp: 186438

Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.5	114.7
121	29.8	24.2	36.4





#39

Methylcyclohexane

Concen: 20.975 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Instrument :

MSVOA_N

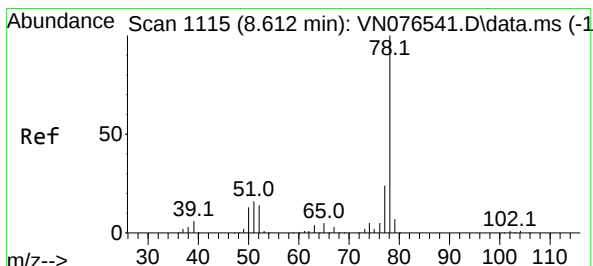
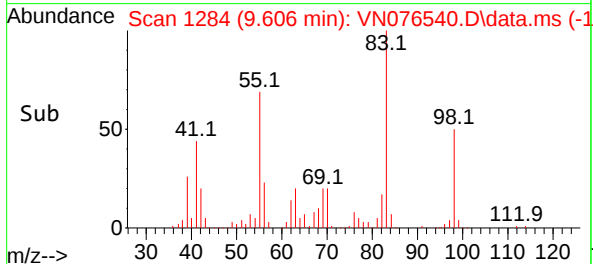
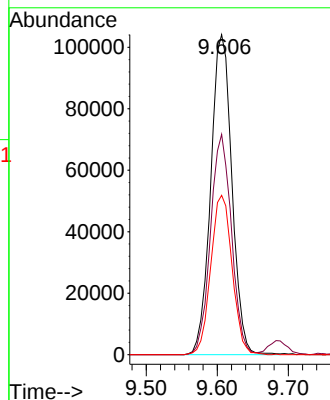
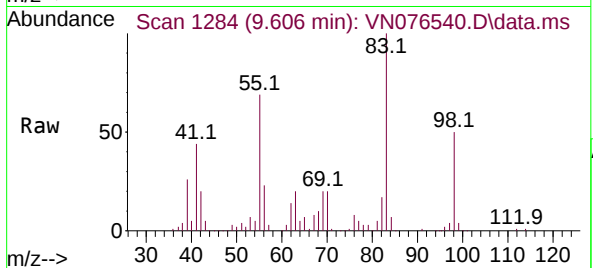
ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 21540
 Ion Ratio Lower Upper
 83 100
 55 68.9 54.1 81.1
 98 49.8 39.5 59.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023



#40

Benzene

Concen: 20.510 ug/l

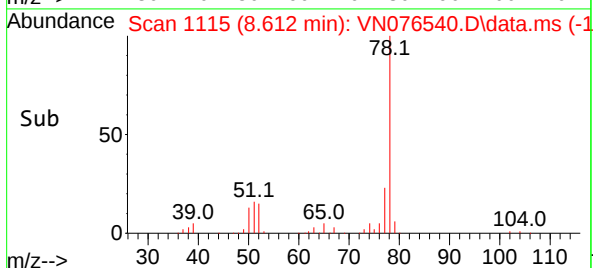
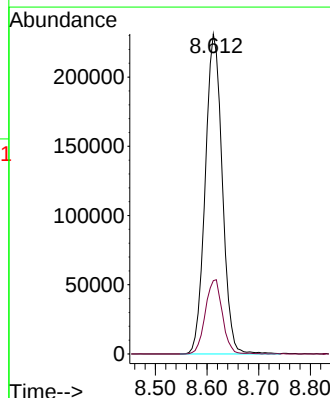
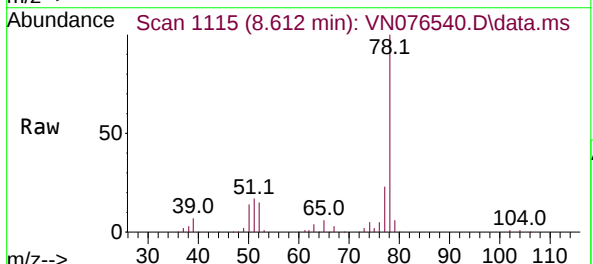
RT: 8.612 min Scan# 1115

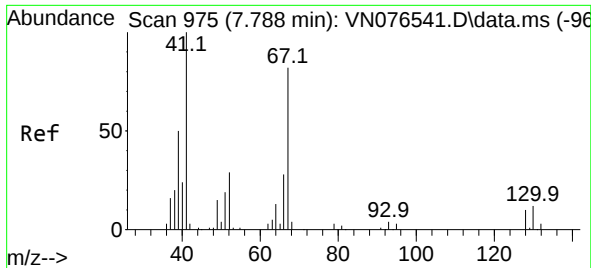
Delta R.T. 0.000 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Tgt Ion: 78 Resp: 528596
 Ion Ratio Lower Upper
 78 100
 77 22.9 19.0 28.6





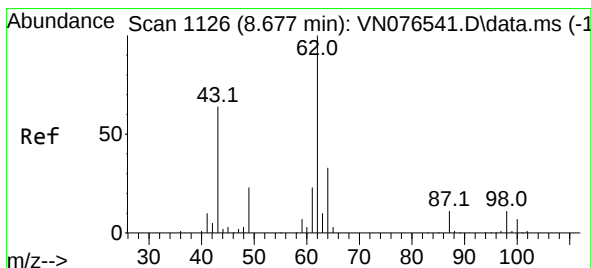
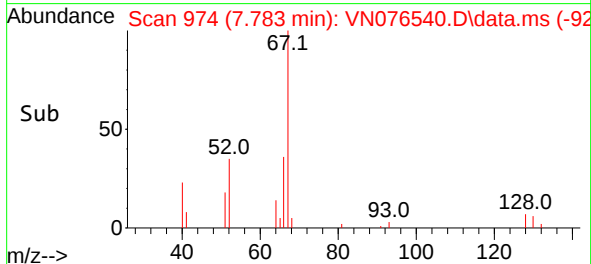
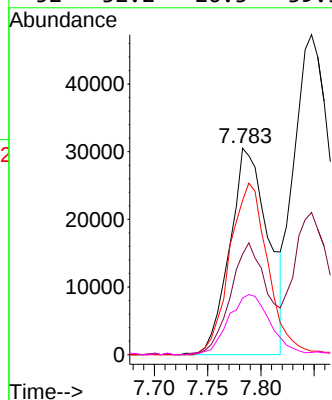
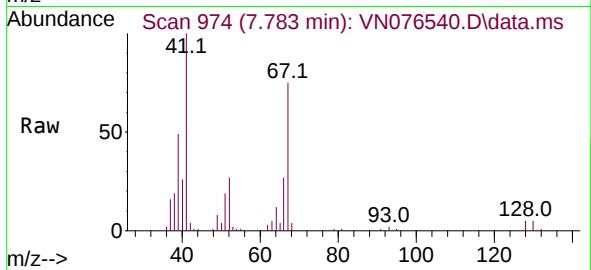
#41
Methacrylonitrile
Concen: 21.311 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 76850
Ion Ratio Lower Upper
41 100
39 52.4 45.0 67.4
67 83.1 70.0 105.0
52 32.2 26.3 39.5

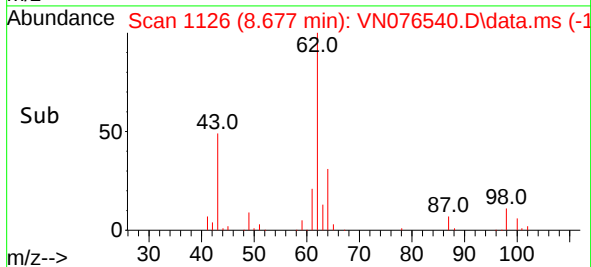
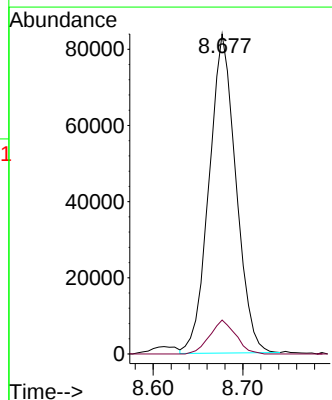
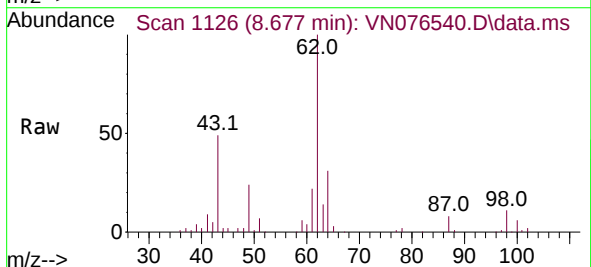
Manual Integrations
APPROVED

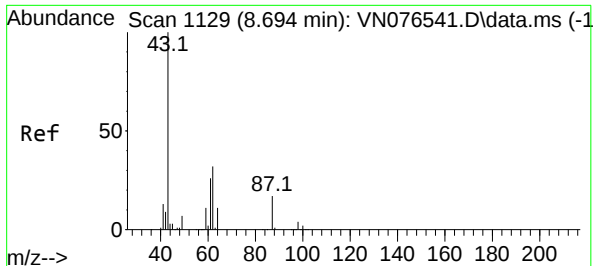
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#42
1,2-Dichloroethane
Concen: 20.344 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

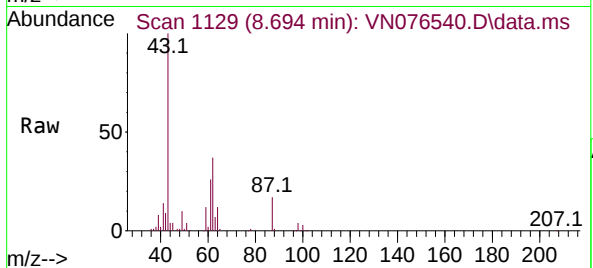
Tgt Ion: 62 Resp: 174246
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.0





#43
Isopropyl Acetate
Concen: 20.000 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

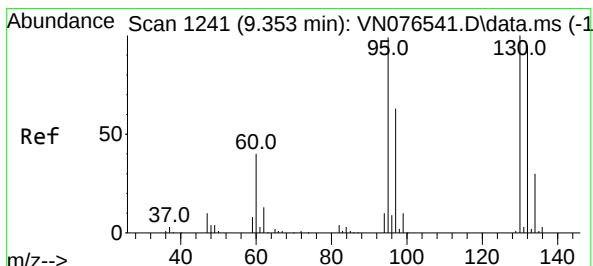
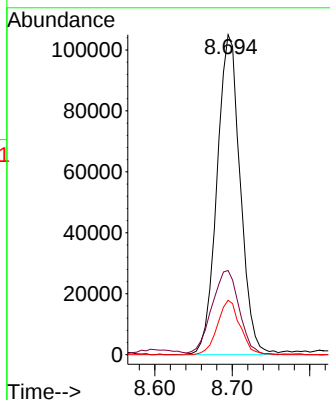
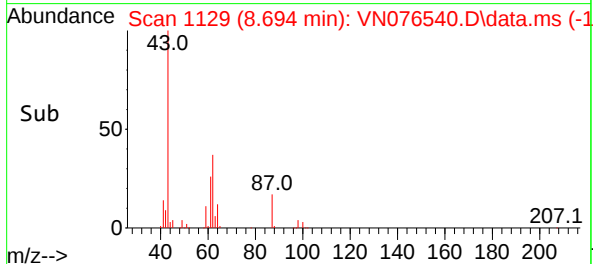
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 219634
Ion Ratio Lower Upper
43 100
61 31.1 24.6 36.8
87 16.5 13.3 19.9

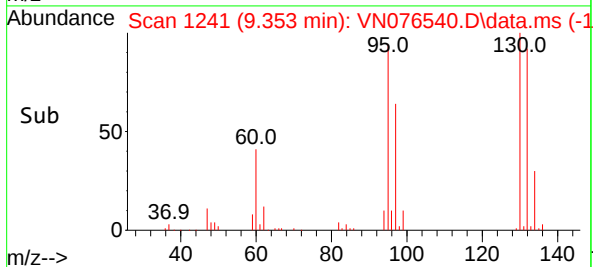
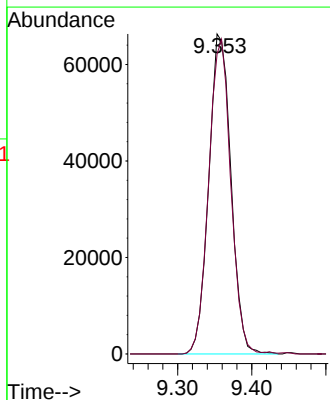
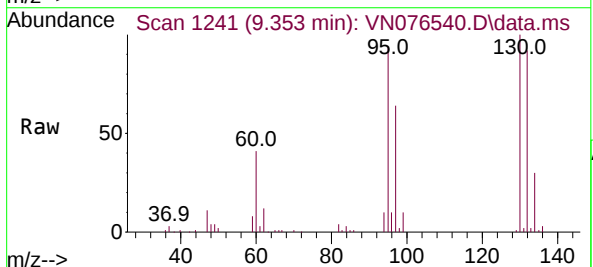
Manual Integrations
APPROVED

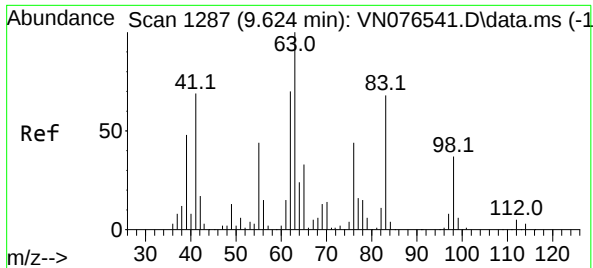
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#44
Trichloroethene
Concen: 20.032 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Tgt Ion:130 Resp: 138030
Ion Ratio Lower Upper
130 100
95 93.7 0.0 197.6





#45

1,2-Dichloropropane

Concen: 20.007 ug/l

RT: 9.630 min Scan# 1287

Delta R.T. 0.006 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 12509

Ion Ratio Lower Upper

63 100

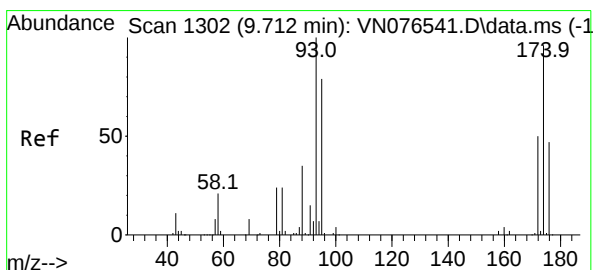
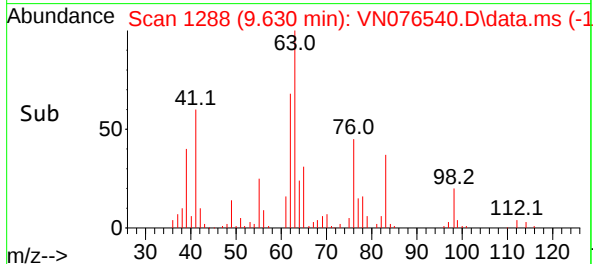
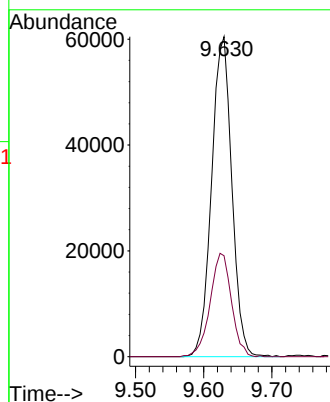
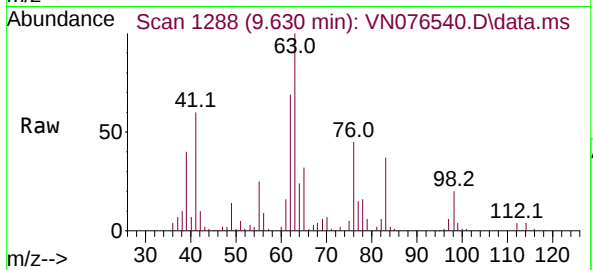
65 31.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#46

Dibromomethane

Concen: 19.813 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

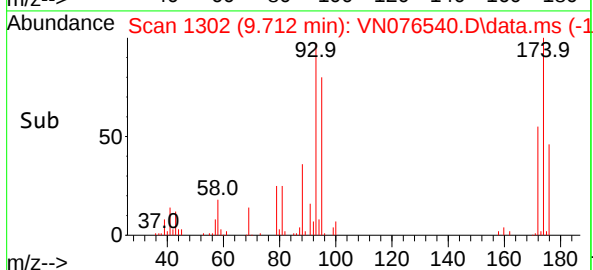
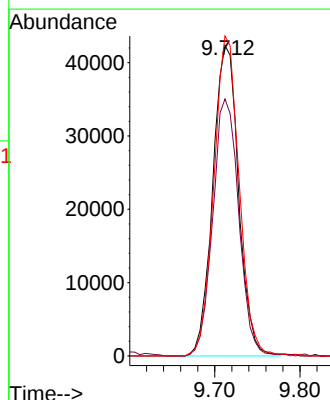
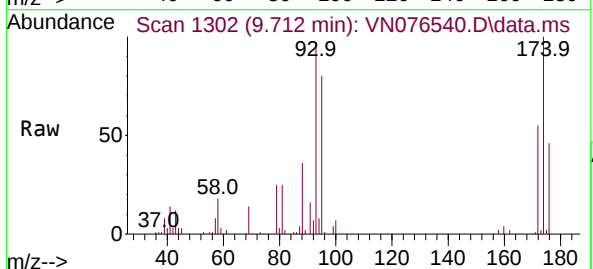
Tgt Ion: 93 Resp: 88841

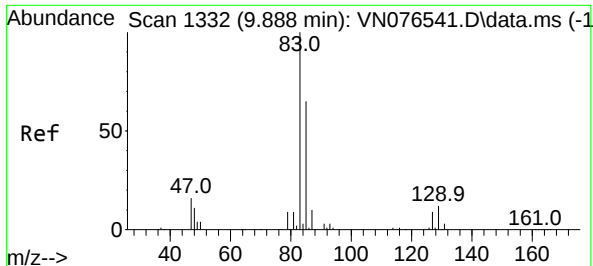
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.2

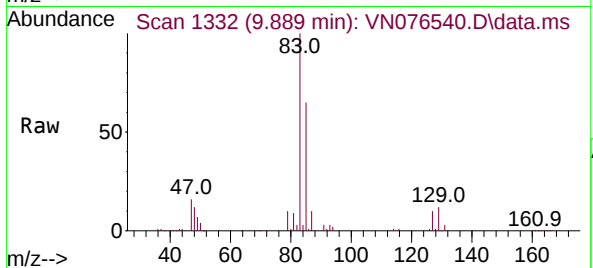
174 101.2 78.4 117.6





#47
Bromodichloromethane
Concen: 20.176 ug/l
RT: 9.889 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

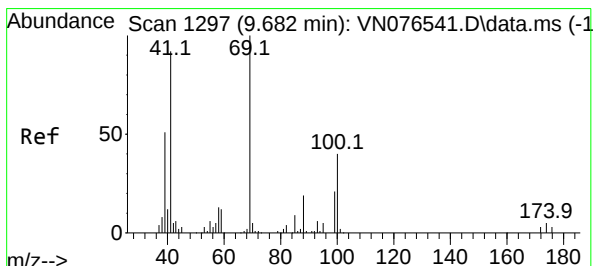
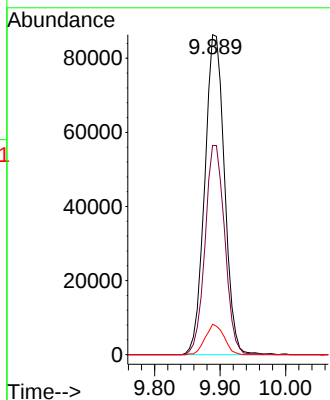
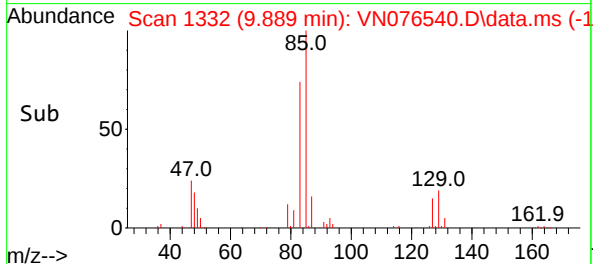
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



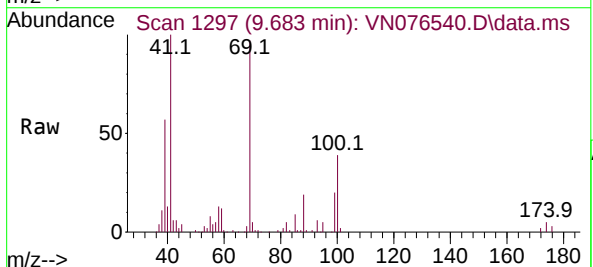
Tgt Ion: 83 Resp: 18104
Ion Ratio Lower Upper
83 100
85 65.4 52.0 78.0
127 9.5 7.1 10.7

Manual Integrations
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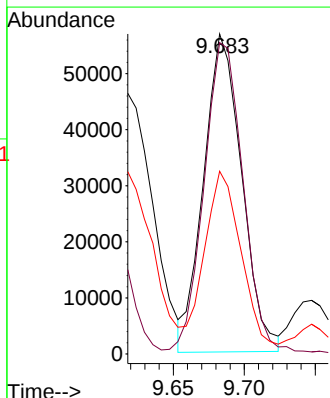
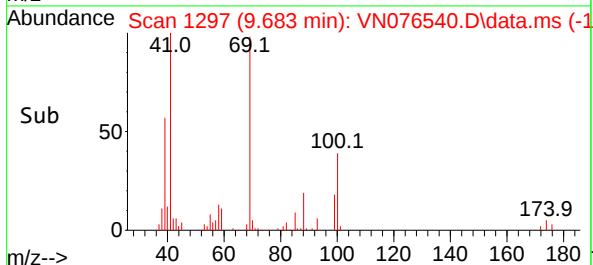
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

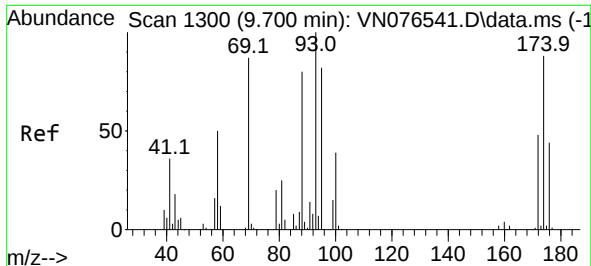


#48
Methyl methacrylate
Concen: 20.186 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34



Tgt Ion: 41 Resp: 105885
Ion Ratio Lower Upper
41 100
69 100.5 82.0 123.0
39 57.4 45.0 67.4





#49

1,4-Dioxane

Concen: 391.278 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 4834

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

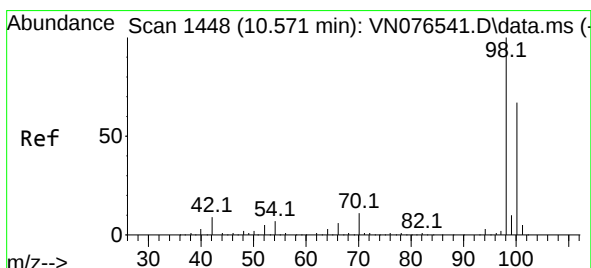
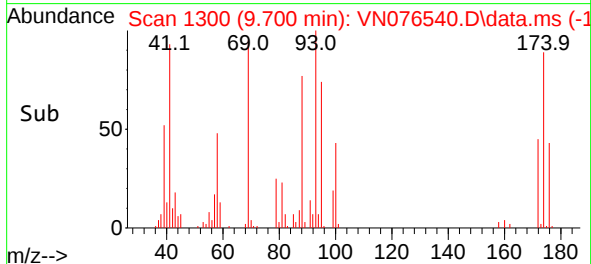
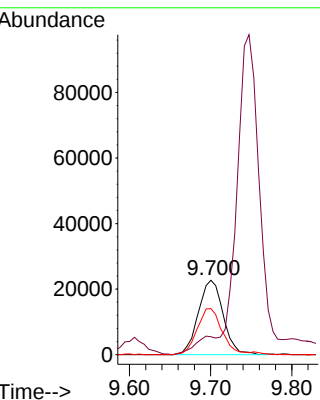
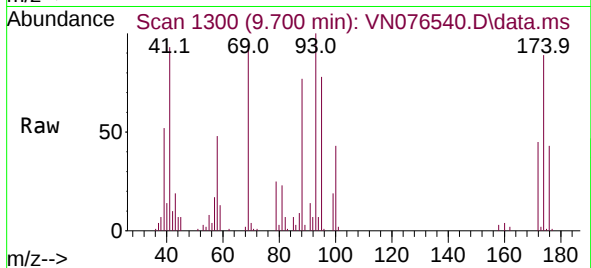
58 63.6 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#50

Toluene-d8

Concen: 14.756 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076540.D

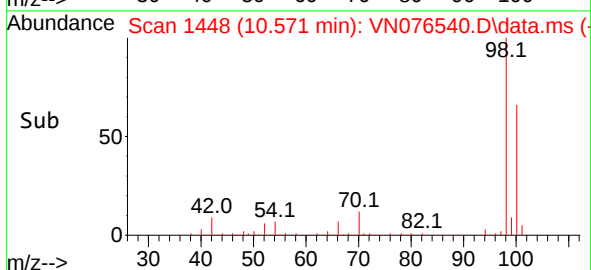
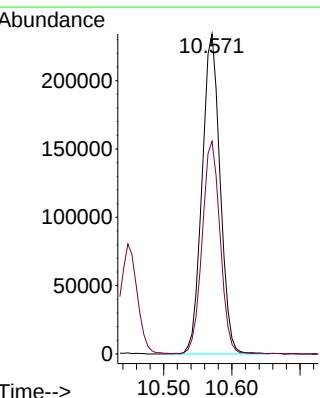
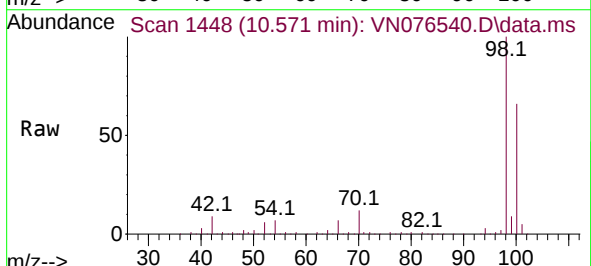
Acq: 06 Feb 2023 13:34

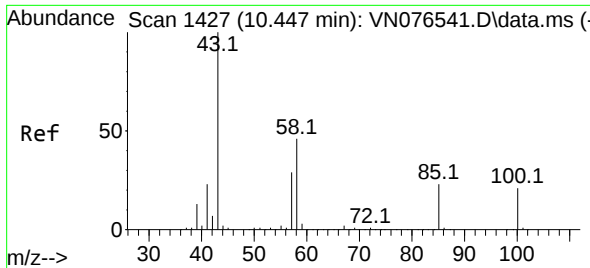
Tgt Ion: 98 Resp: 430945

Ion Ratio Lower Upper

98 100

100 66.0 52.7 79.1





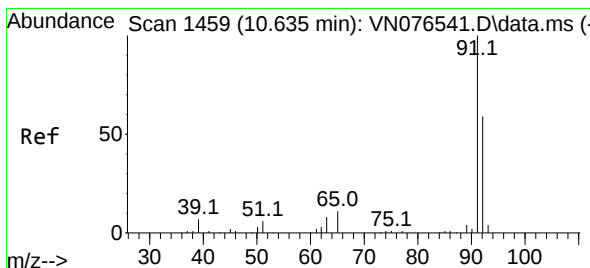
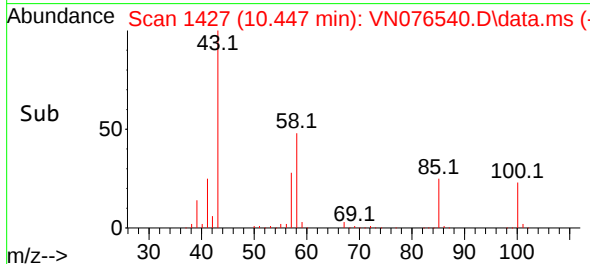
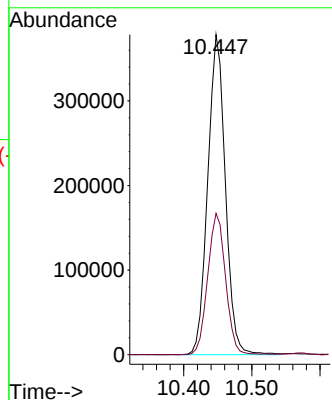
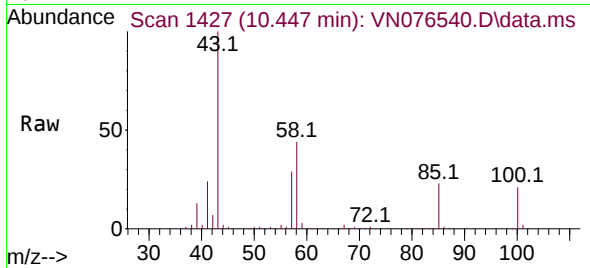
#51
4-Methyl-2-Pentanone
Concen: 103.350 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 680183
Ion Ratio Lower Upper
43 100
58 44.9 36.4 54.6

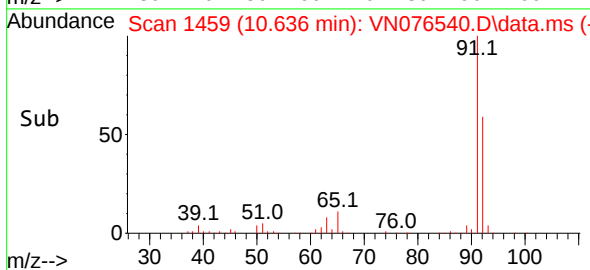
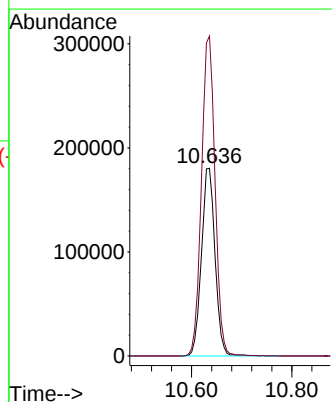
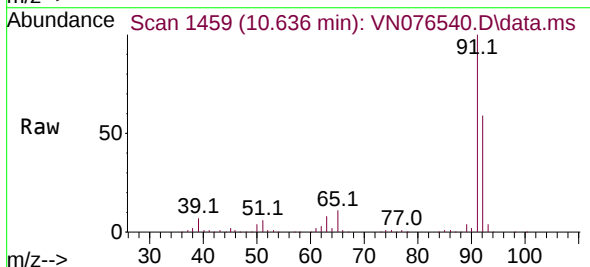
Manual Integrations
APPROVED

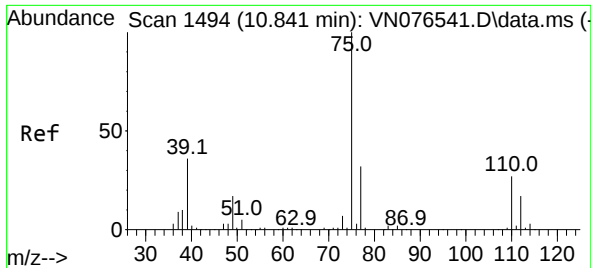
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#52
Toluene
Concen: 20.571 ug/l
RT: 10.636 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

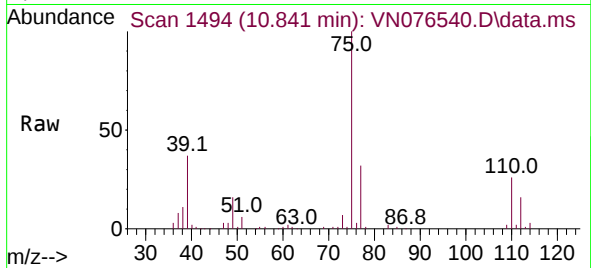
Tgt Ion: 92 Resp: 338382
Ion Ratio Lower Upper
92 100
91 170.9 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 20.690 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

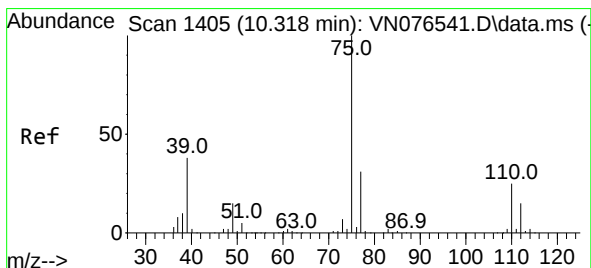
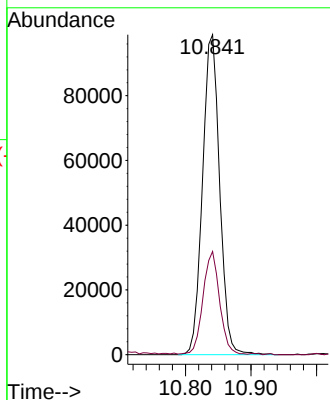
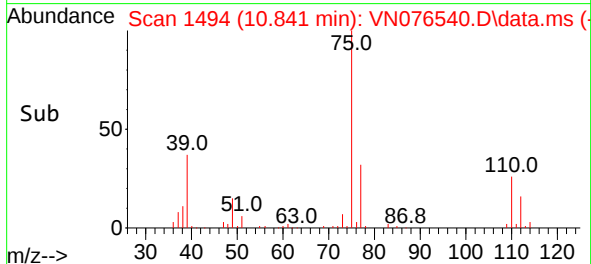
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 179700
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4

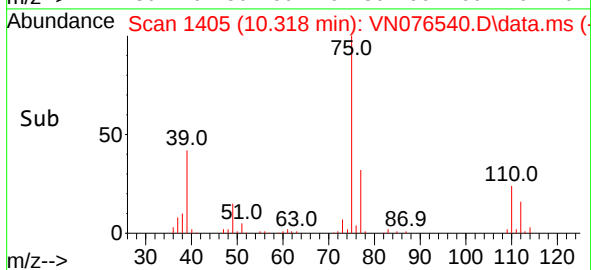
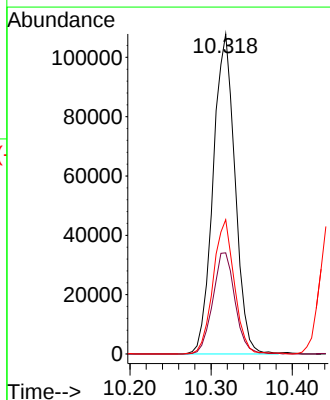
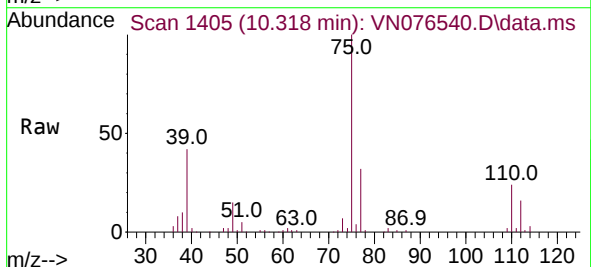
Manual Integrations
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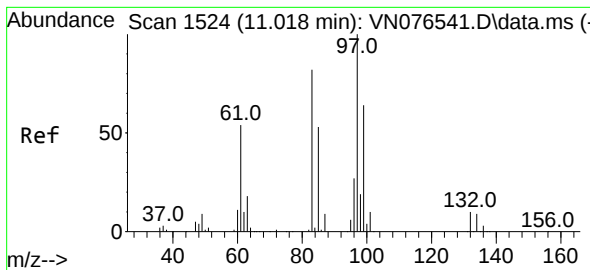
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#54
cis-1,3-Dichloropropene
Concen: 20.606 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

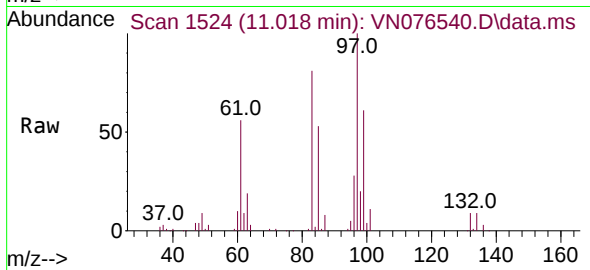
Tgt Ion: 75 Resp: 201925
Ion Ratio Lower Upper
75 100
77 31.6 25.1 37.7
39 42.0 30.6 45.8





#55
1,1,2-Trichloroethane
Concen: 20.563 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

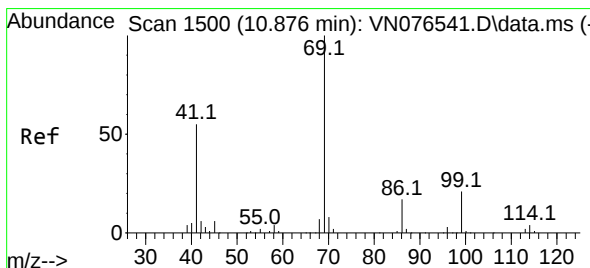
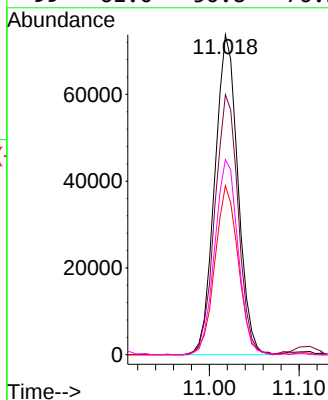
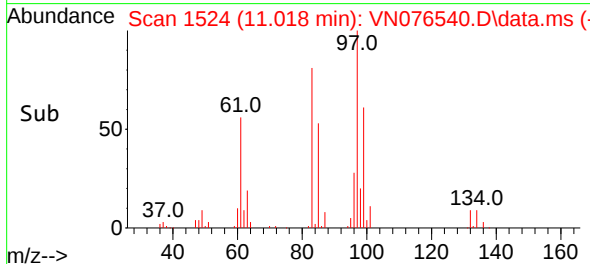


Tgt Ion: 97 Resp: 132394

Ion	Ratio	Lower	Upper
97	100		
83	81.3	65.8	98.6
85	52.8	42.3	63.5
99	61.0	50.8	76.2

Manual Integrations
APPROVED

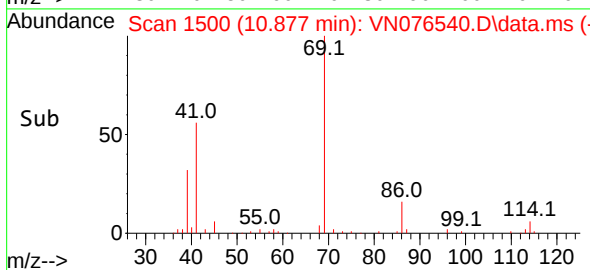
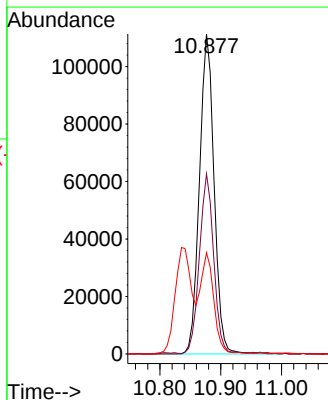
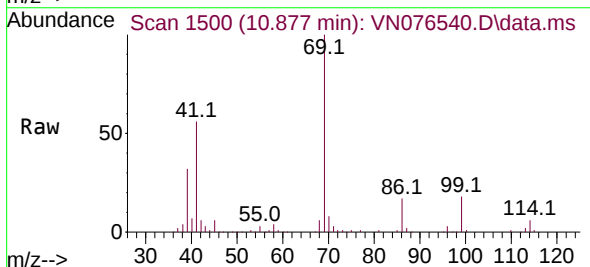
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

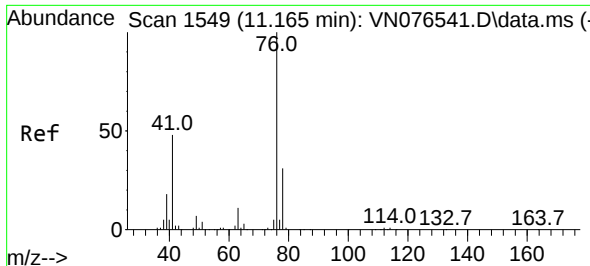


#56
Ethyl methacrylate
Concen: 21.542 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Tgt Ion: 69 Resp: 186166

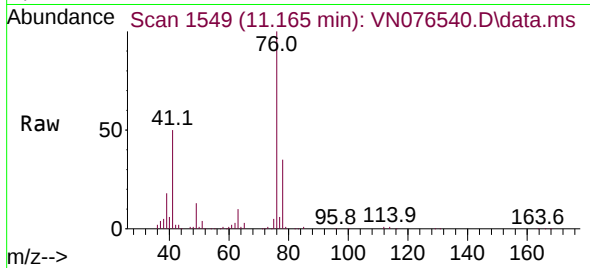
Ion	Ratio	Lower	Upper
69	100		
41	54.7	43.8	65.6
39	28.5	21.4	32.2





#57
1,3-Dichloropropane
Concen: 20.187 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

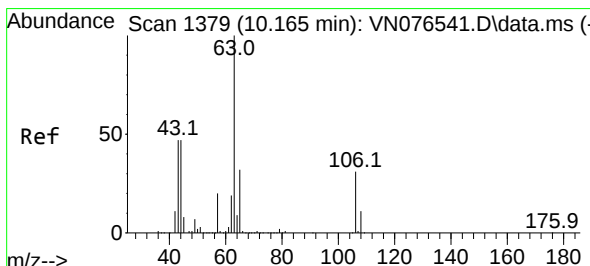
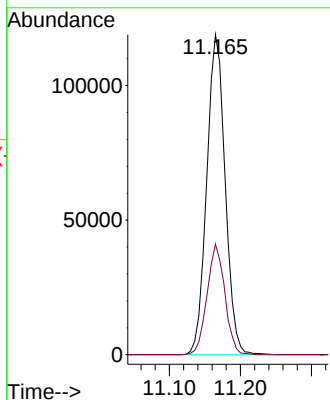
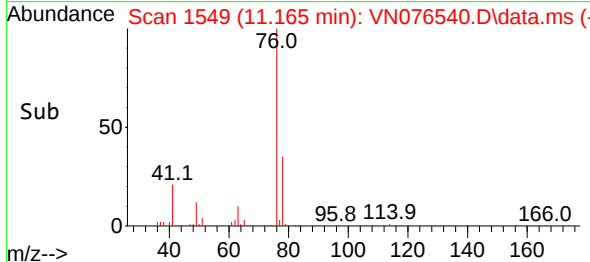
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 21451
Ion Ratio Lower Upper
76 100
78 33.3 26.2 39.2

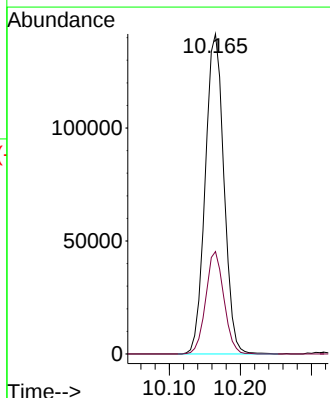
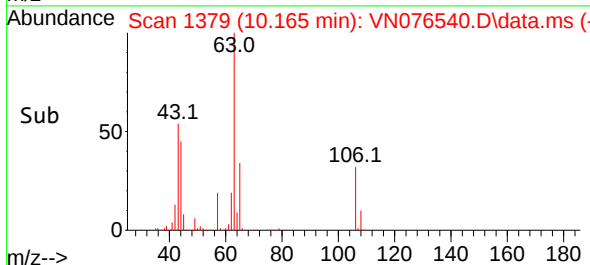
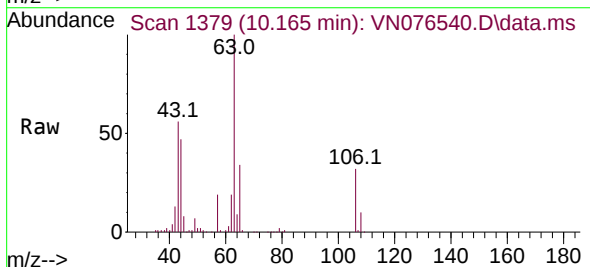
Manual Integrations
APPROVED

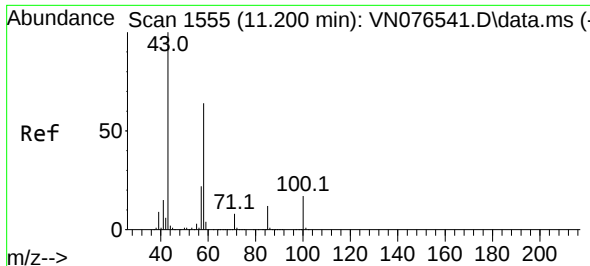
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#58
2-Chloroethyl Vinyl ether
Concen: 90.698 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

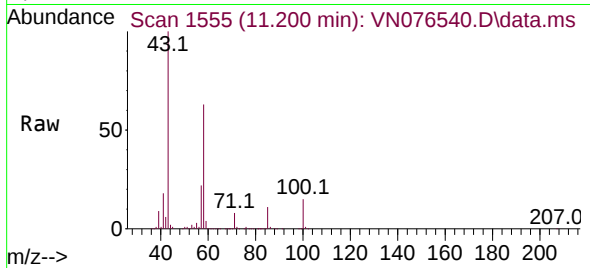
Tgt Ion: 63 Resp: 258363
Ion Ratio Lower Upper
63 100
106 31.2 25.0 37.6





#59
2-Hexanone
Concen: 101.518 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

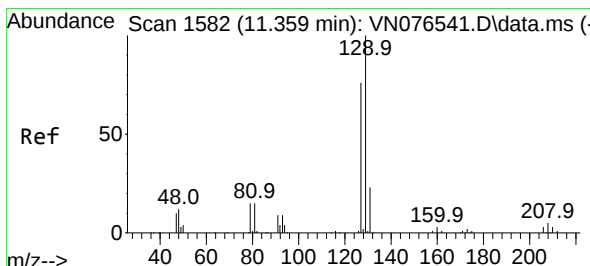
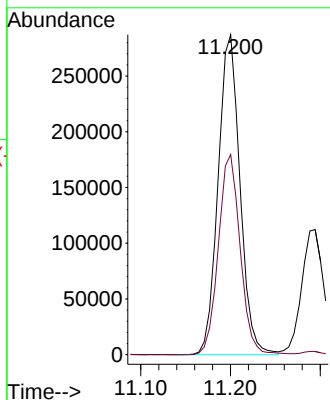
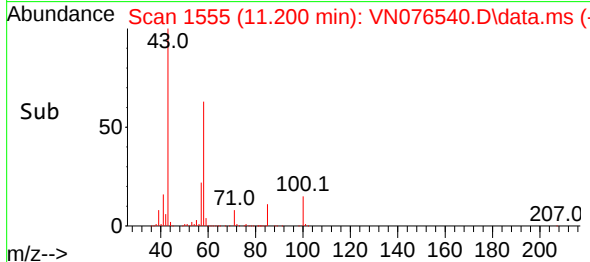
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 48541
Ion Ratio Lower Upper
43 100
58 62.4 31.9 95.7

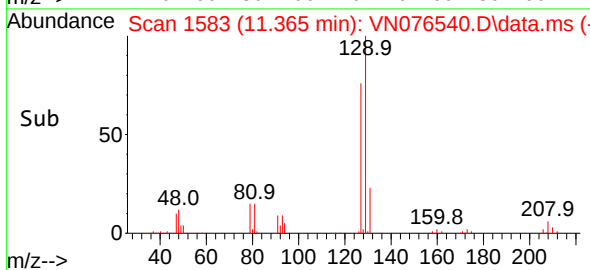
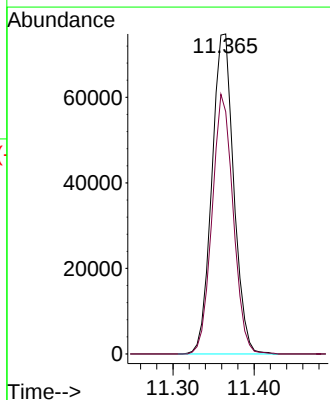
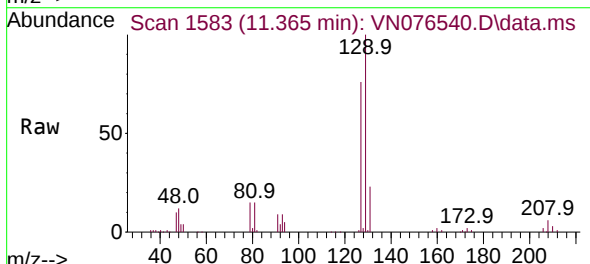
Manual Integrations
APPROVED

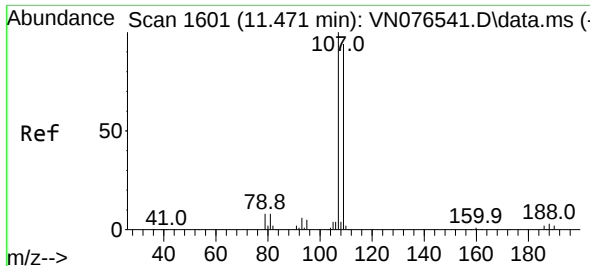
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#60
Dibromochloromethane
Concen: 20.511 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

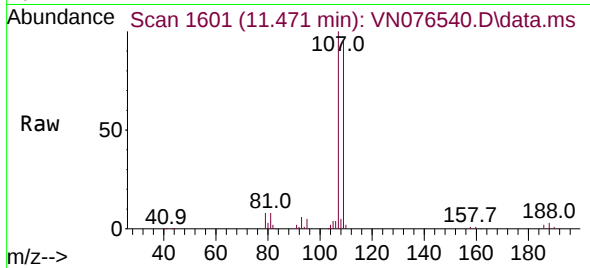
Tgt Ion:129 Resp: 140334
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.3





#61
1,2-Dibromoethane
Concen: 20.381 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

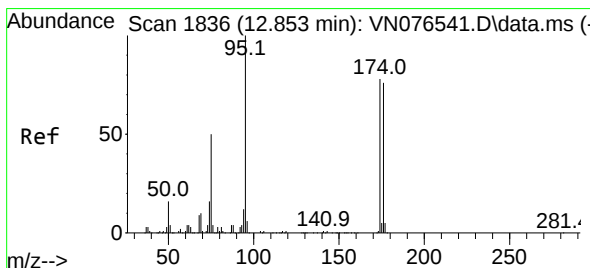
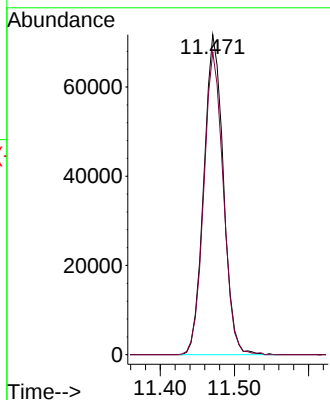
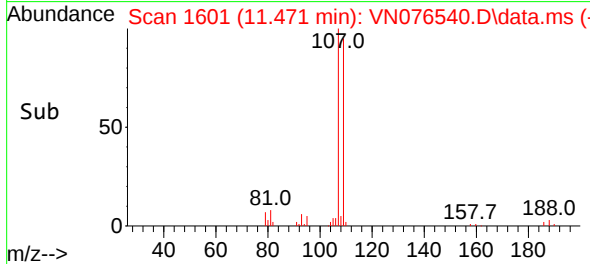
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



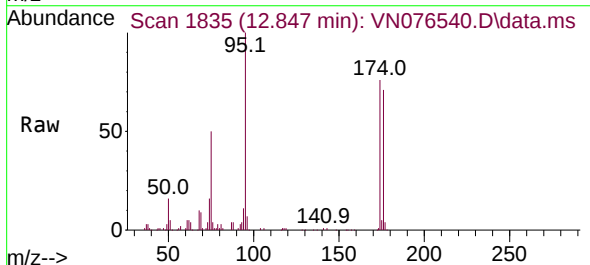
Tgt Ion:107 Resp: 131084
Ion Ratio Lower Upper
107 100
109 94.8 74.9 112.3

Manual Integrations
APPROVED

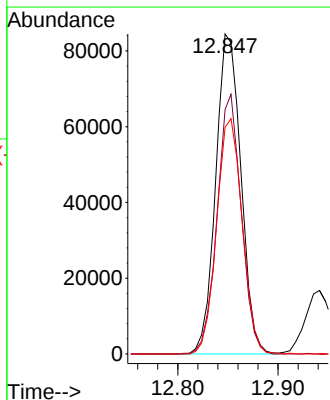
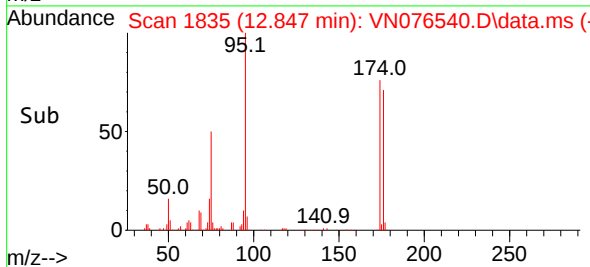
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

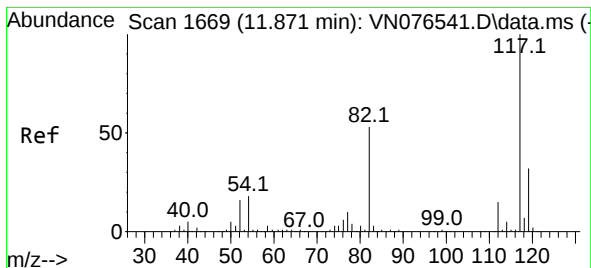


#62
4-Bromofluorobenzene
Concen: 15.359 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34



Tgt Ion: 95 Resp: 147222
Ion Ratio Lower Upper
95 100
174 77.6 0.0 153.4
176 74.6 0.0 149.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:117 Resp: 85904

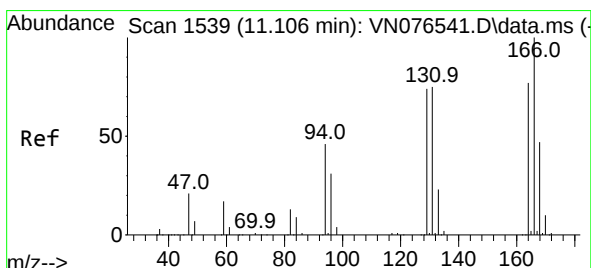
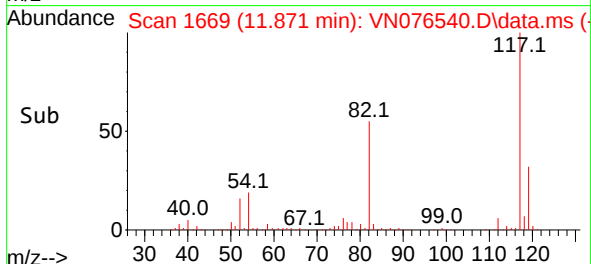
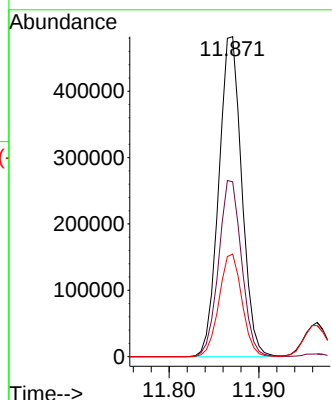
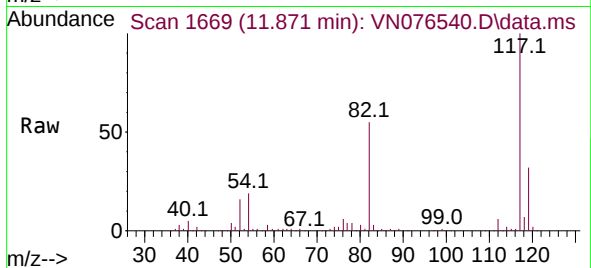
Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.4	63.6
119	32.1	25.8	38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#64

Tetrachloroethene

Concen: 18.900 ug/l

RT: 11.106 min Scan# 1539

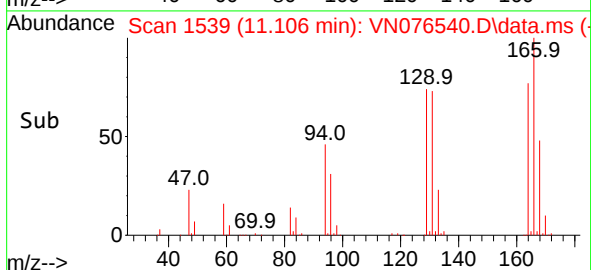
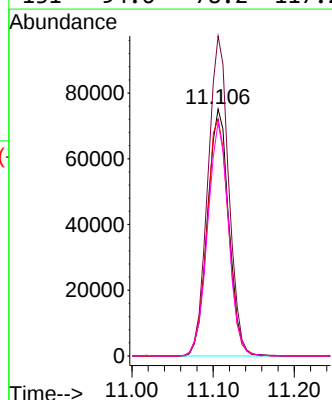
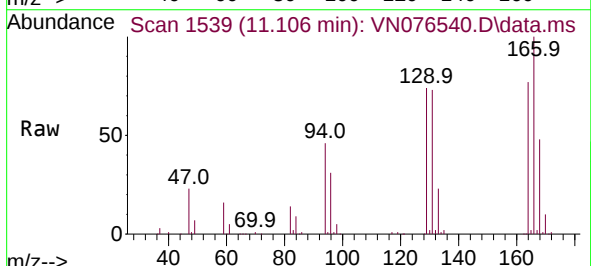
Delta R.T. 0.000 min

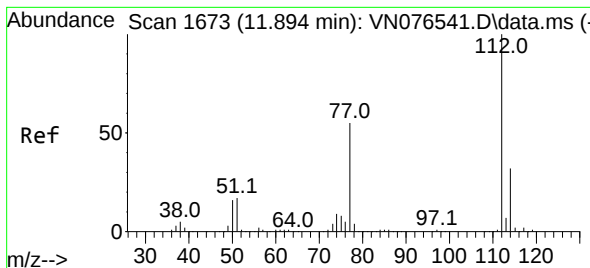
Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Tgt Ion:164 Resp: 137053

Ion	Ratio	Lower	Upper
164	100		
166	129.6	104.3	156.5
129	96.0	77.7	116.5
131	94.6	78.2	117.2





#65

Chlorobenzene

Concen: 19.713 ug/l

RT: 11.894 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:112 Resp: 35020

Ion Ratio Lower Upper

112 100

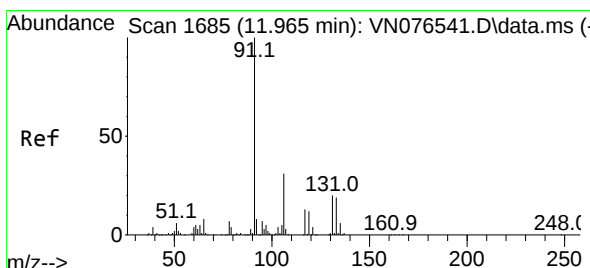
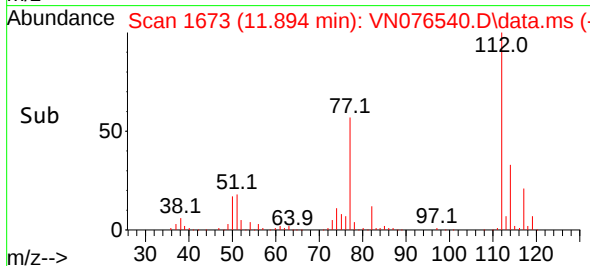
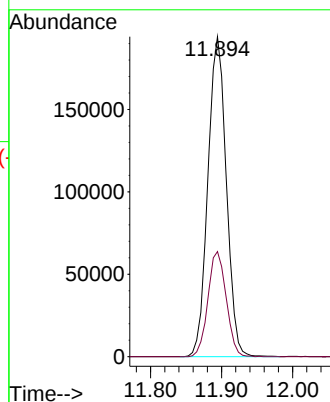
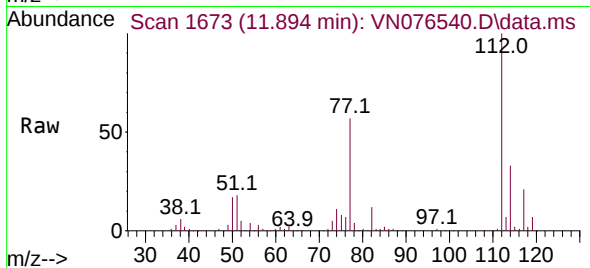
114 32.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 20.235 ug/l

RT: 11.965 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

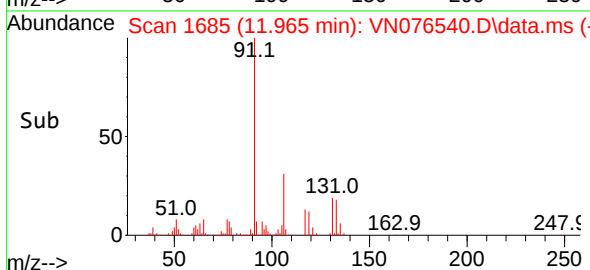
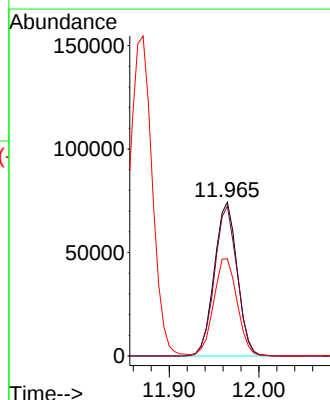
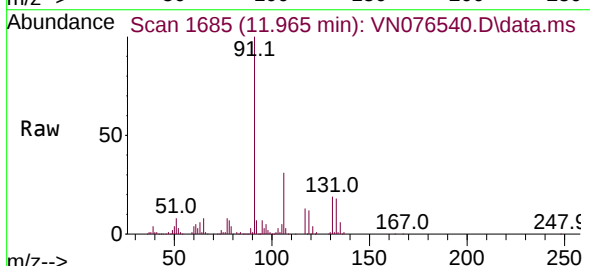
Tgt Ion:131 Resp: 131735

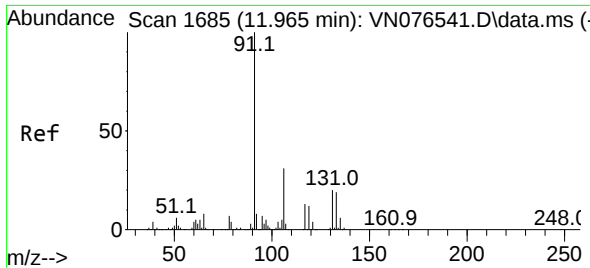
Ion Ratio Lower Upper

131 100

133 96.4 47.5 142.5

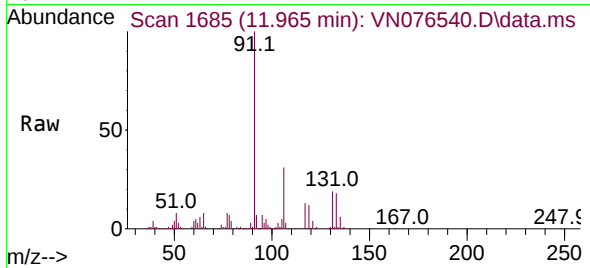
119 65.0 31.6 94.7





#67
Ethyl Benzene
Concen: 20.675 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

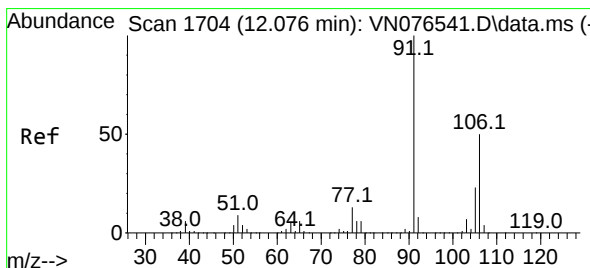
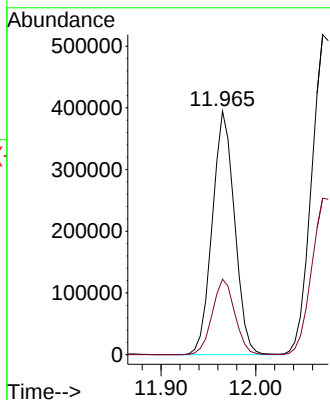
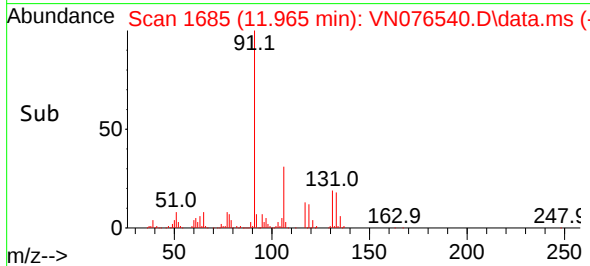
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



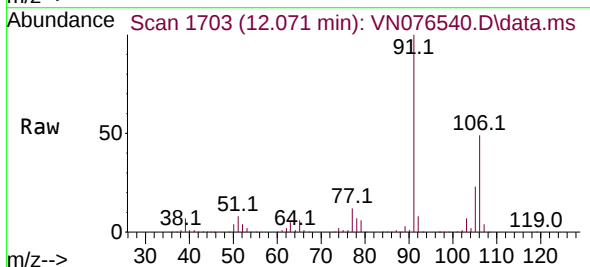
Tgt Ion: 91 Resp: 64653
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

Manual Integrations
APPROVED

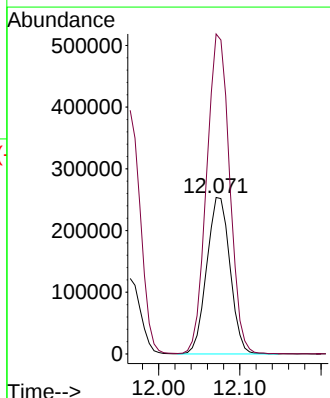
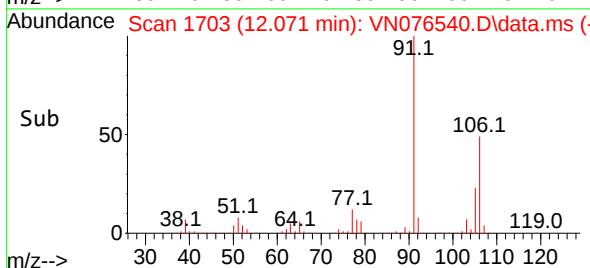
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

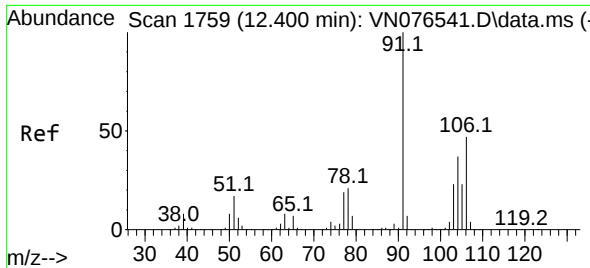


#68
m/p-Xylenes
Concen: 41.651 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34



Tgt Ion:106 Resp: 505130
Ion Ratio Lower Upper
106 100
91 202.1 160.2 240.4





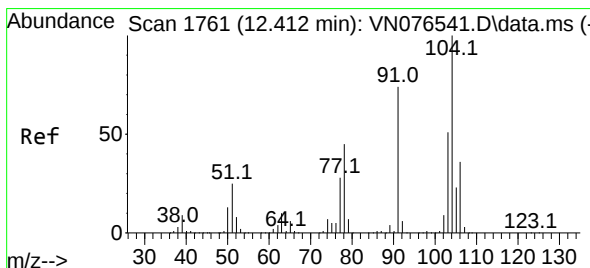
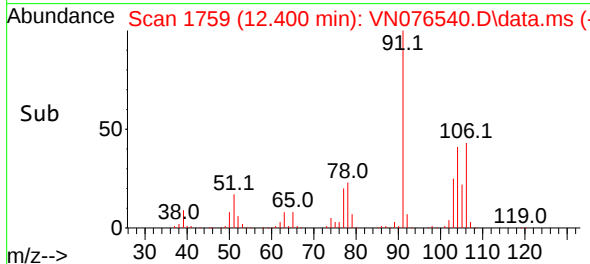
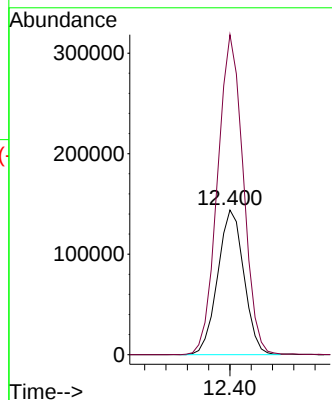
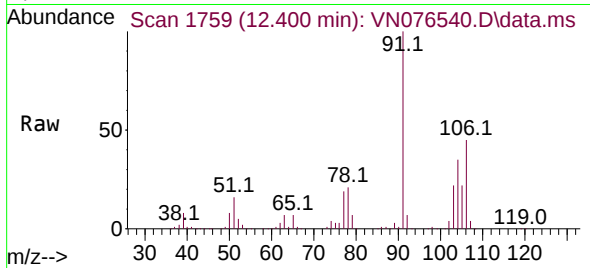
#69
o-Xylene
Concen: 20.625 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 245835
Ion Ratio Lower Upper
106 100
91 217.7 105.7 317.0

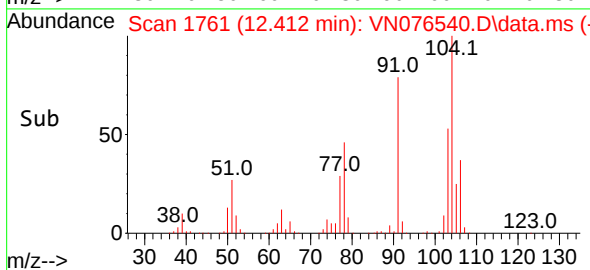
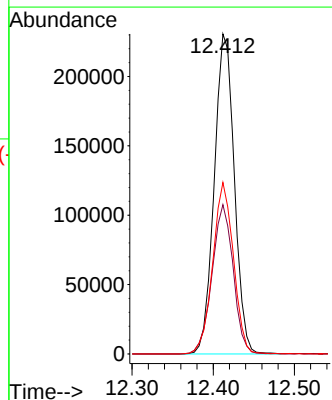
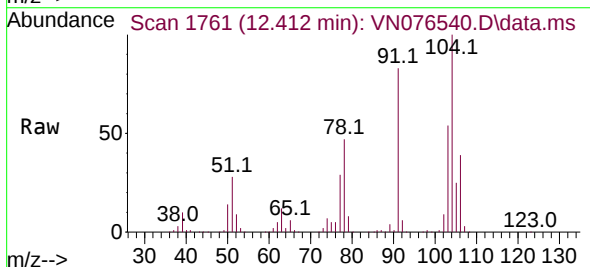
Manual Integrations
APPROVED

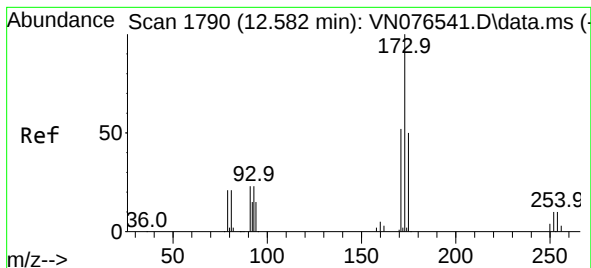
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#70
Styrene
Concen: 20.986 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Tgt Ion:104 Resp: 397820
Ion Ratio Lower Upper
104 100
78 48.9 38.6 58.0
103 55.1 43.6 65.4





#71

Bromoform

Concen: 20.304 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

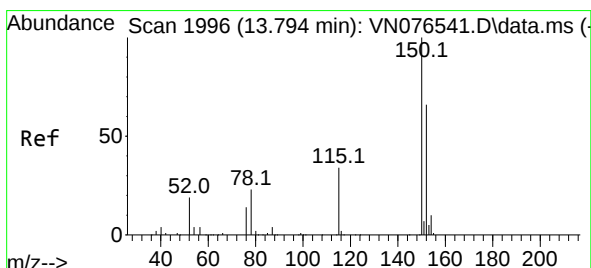
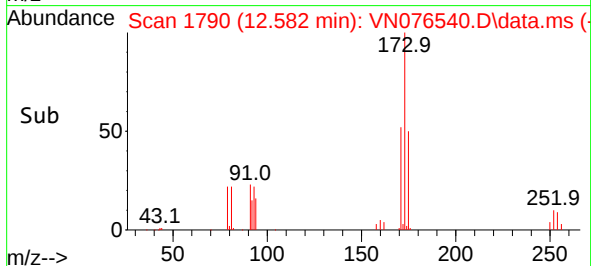
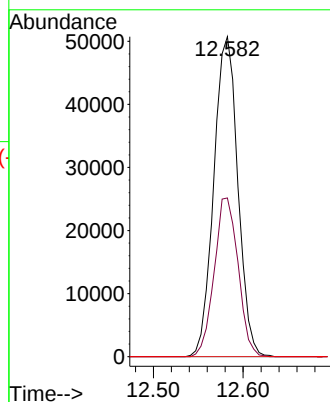
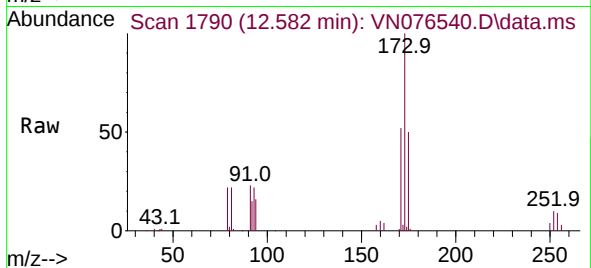
Tgt Ion:173 Resp: 94330
 Ion Ratio Lower Upper
 173 100
 175 49.3 24.6 74.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

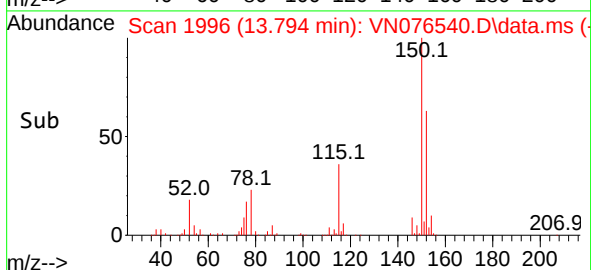
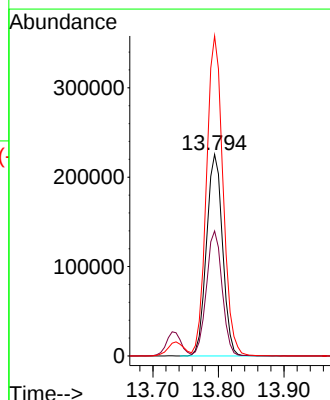
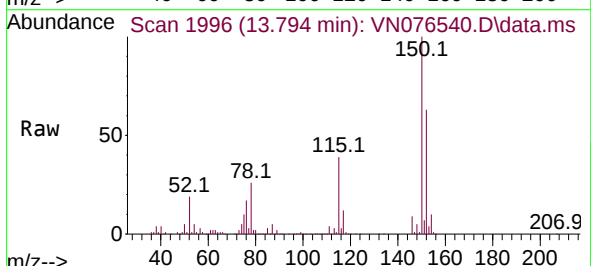
RT: 13.794 min Scan# 1996

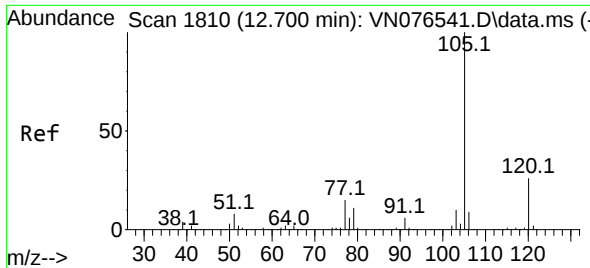
Delta R.T. 0.000 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Tgt Ion:152 Resp: 383996
 Ion Ratio Lower Upper
 152 100
 115 60.9 30.5 91.5
 150 163.5 0.0 352.0





#73
Isopropylbenzene
Concen: 21.149 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

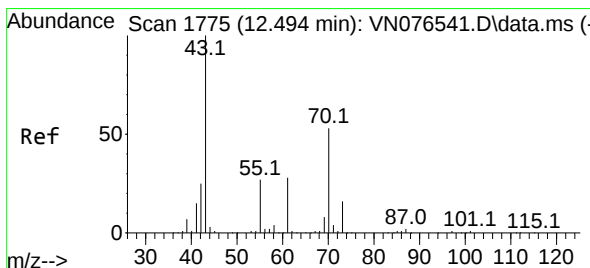
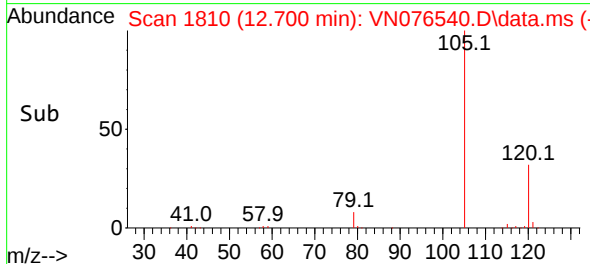
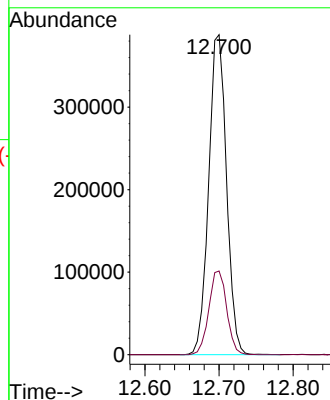
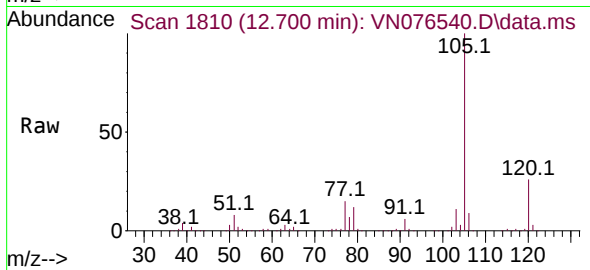
VSTDICC020

Tgt Ion:105 Resp: 647328
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0

Manual Integrations

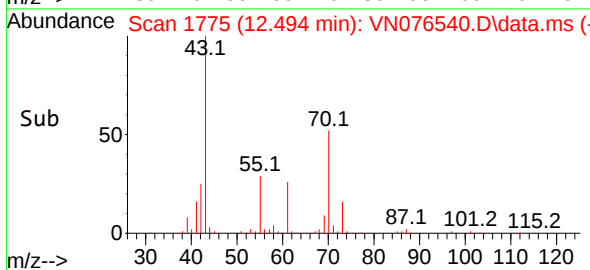
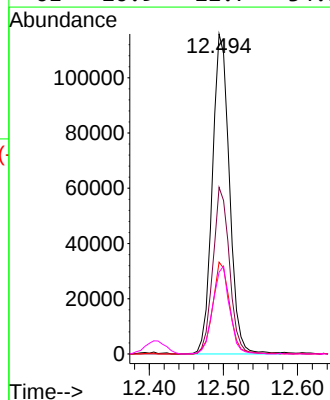
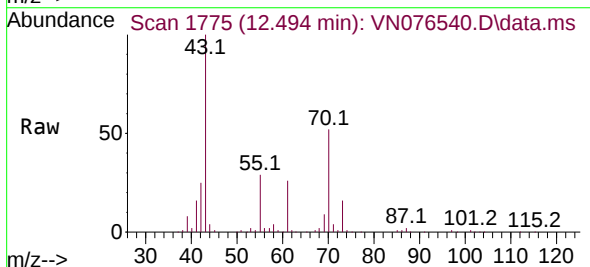
APPROVED

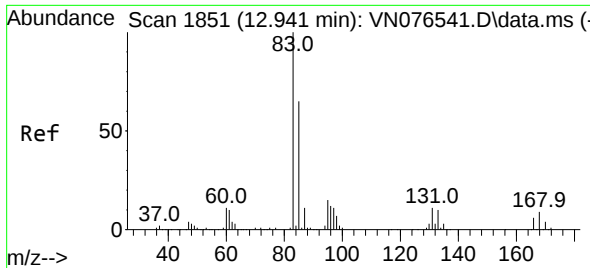
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#74
N-ethyl acetate
Concen: 20.813 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

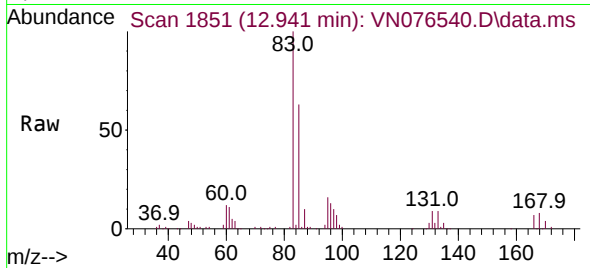
Tgt Ion: 43 Resp: 185679
Ion Ratio Lower Upper
43 100
70 50.5 42.6 64.0
55 28.4 22.3 33.5
61 26.9 22.7 34.1





#75
1,1,2,2-Tetrachloroethane
Concen: 20.298 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

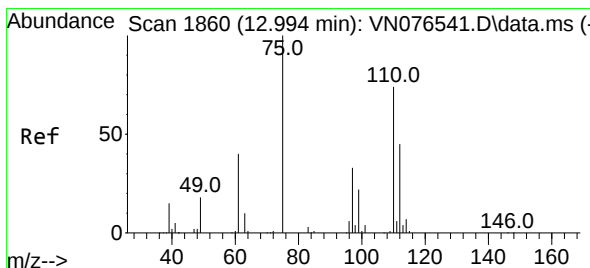
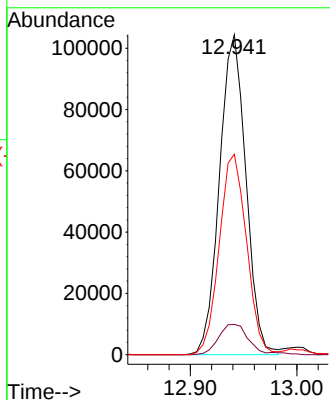
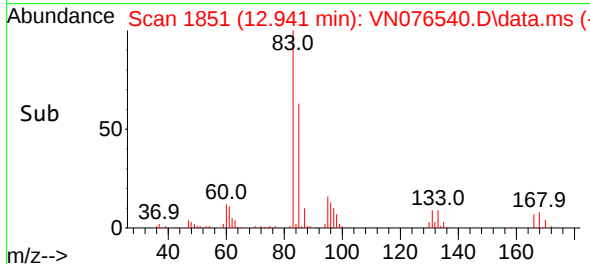
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 18006
Ion Ratio Lower Upper
83 100
131 10.9 5.5 16.7
85 64.6 32.3 96.8

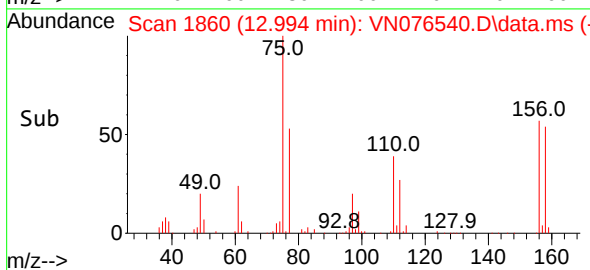
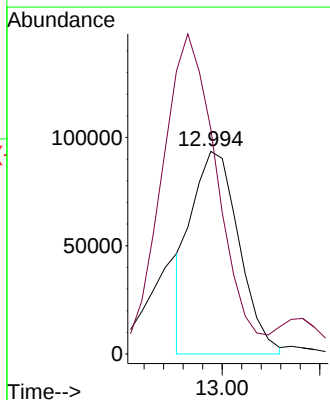
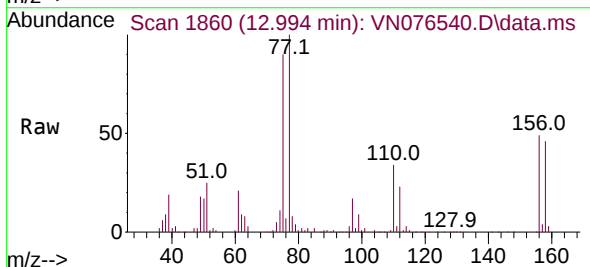
Manual Integrations
APPROVED

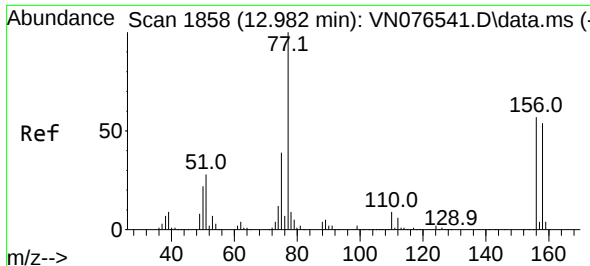
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#76
1,2,3-Trichloropropane
Concen: 19.081 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

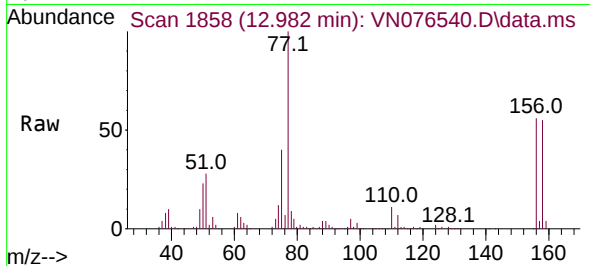
Tgt Ion: 75 Resp: 158960
Ion Ratio Lower Upper
75 100
77 185.8 86.8 260.3





#77
Bromobenzene
Concen: 20.074 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

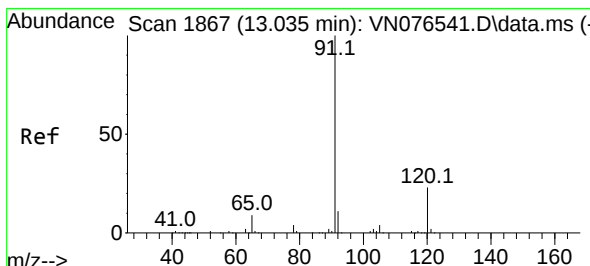
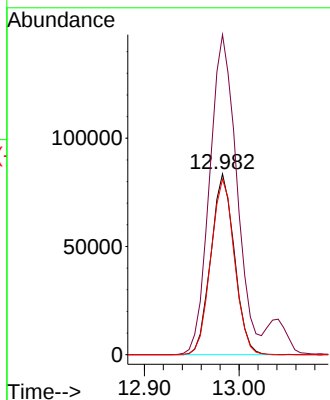
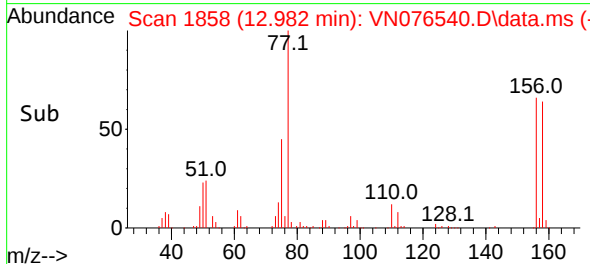
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



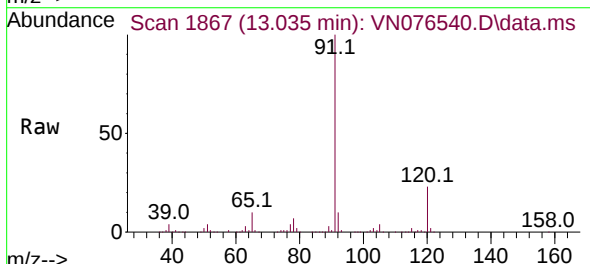
Tgt Ion:156 Resp: 14456
Ion Ratio Lower Upper
156 100
77 204.3 101.2 303.6
158 97.5 48.5 145.6

Manual Integrations
APPROVED

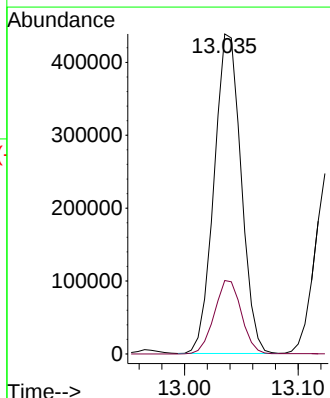
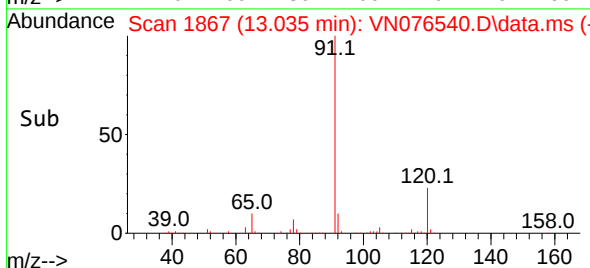
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

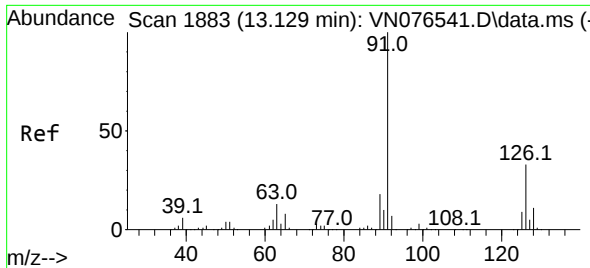


#78
n-propylbenzene
Concen: 21.286 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34



Tgt Ion: 91 Resp: 724938
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.5





#79
2-Chlorotoluene
Concen: 20.609 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

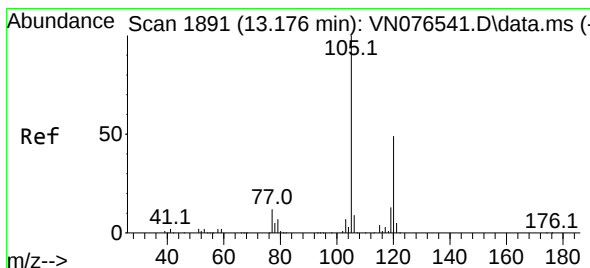
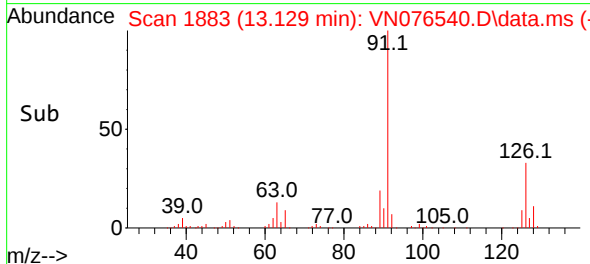
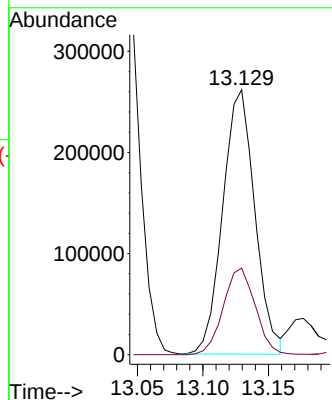
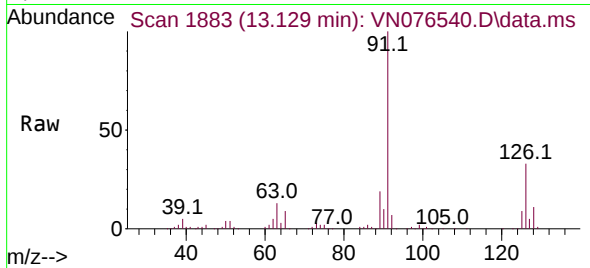
VSTDICC020

Tgt Ion: 91 Resp: 445540
Ion Ratio Lower Upper
91 100
126 32.7 16.8 50.3

Manual Integrations

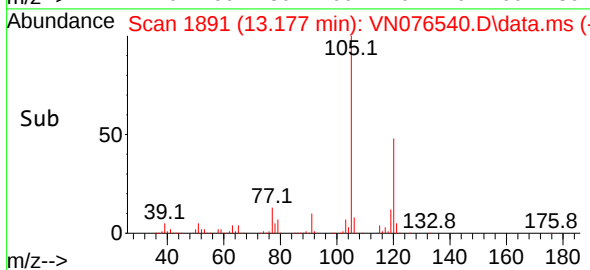
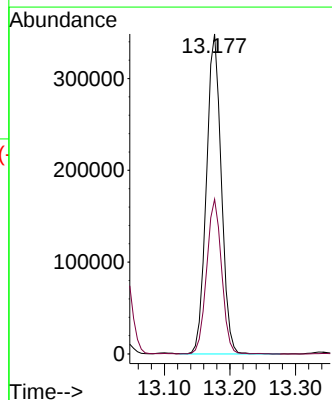
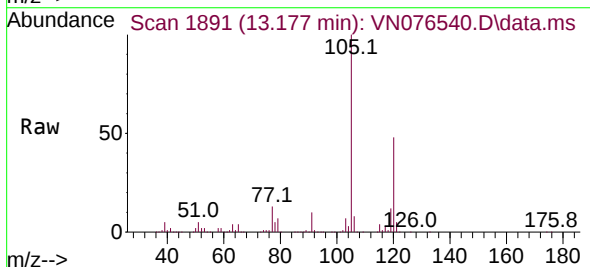
APPROVED

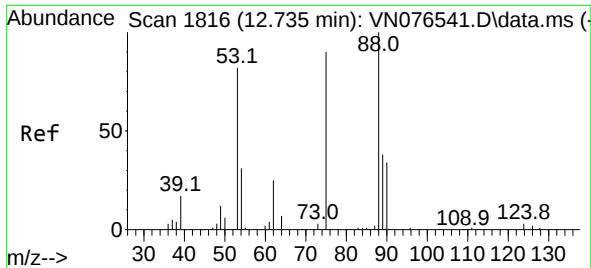
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.208 ug/l
RT: 13.177 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

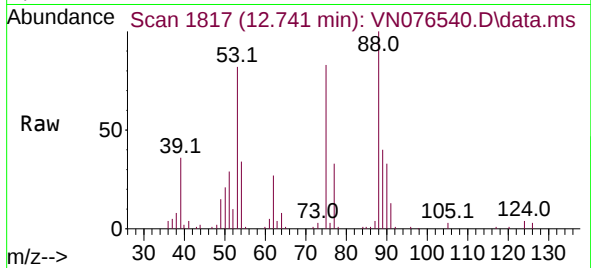
Tgt Ion:105 Resp: 550278
Ion Ratio Lower Upper
105 100
120 48.7 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.481 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

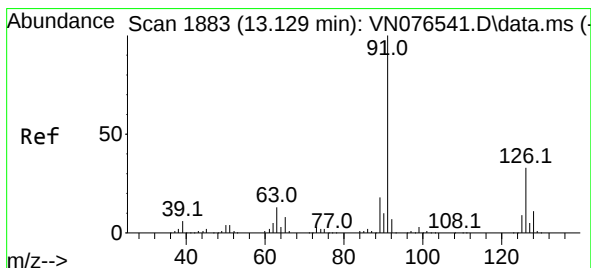
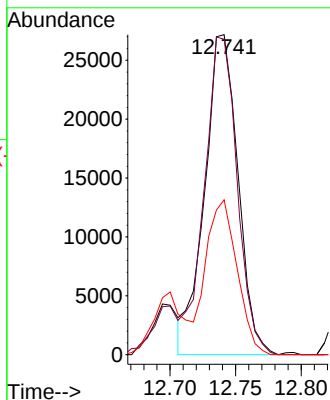
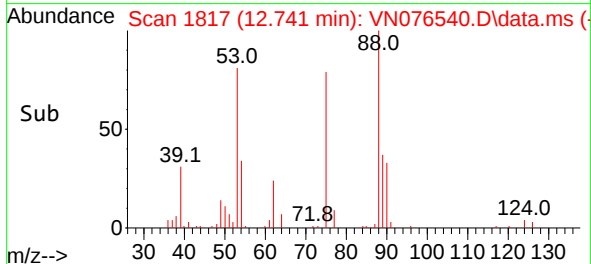
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 48100
Ion Ratio Lower Upper
75 100
53 97.8 72.7 109.1
89 44.5 38.4 57.6

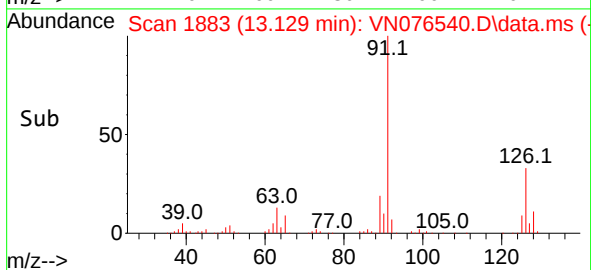
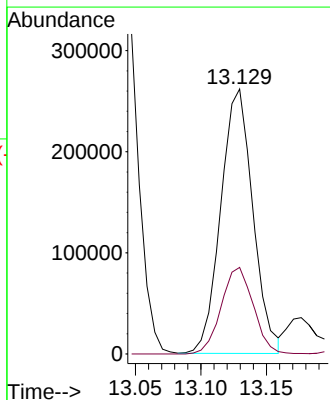
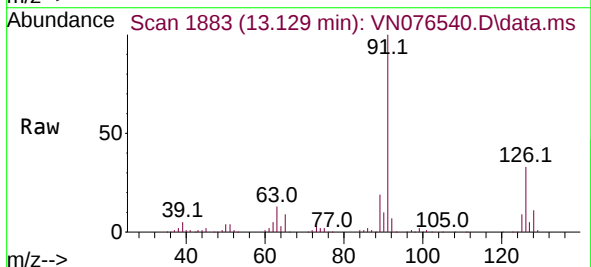
Manual Integrations
APPROVED

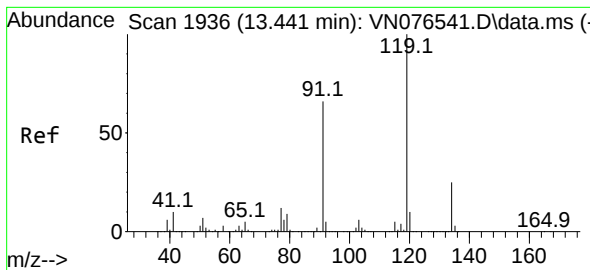
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#82
4-Chlorotoluene
Concen: 20.609 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

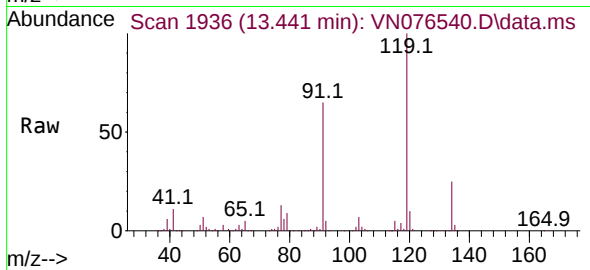
Tgt Ion: 91 Resp: 445546
Ion Ratio Lower Upper
91 100
126 32.7 16.8 50.3





#83
tert-Butylbenzene
Concen: 21.350 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

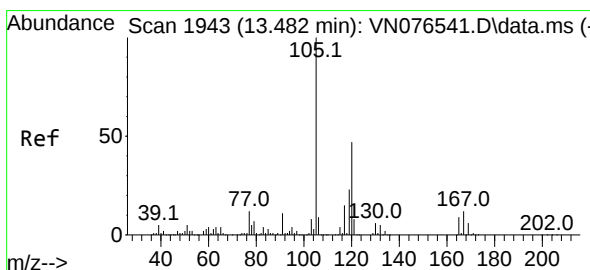
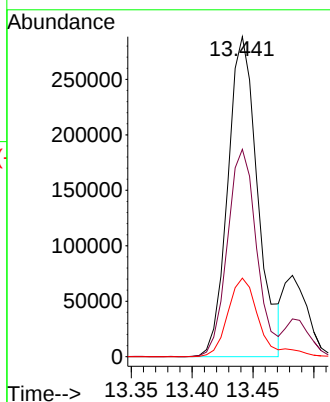
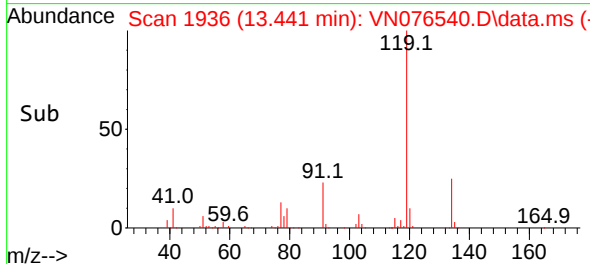
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:119 Resp: 492592
Ion Ratio Lower Upper
119 100
91 63.6 32.1 96.3
134 25.7 12.9 38.6

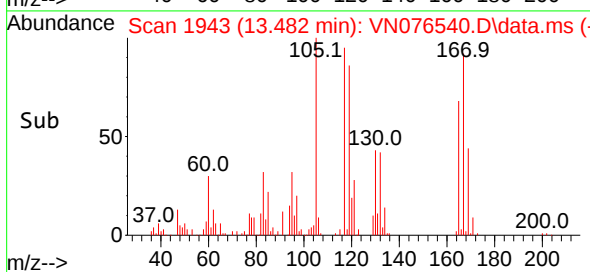
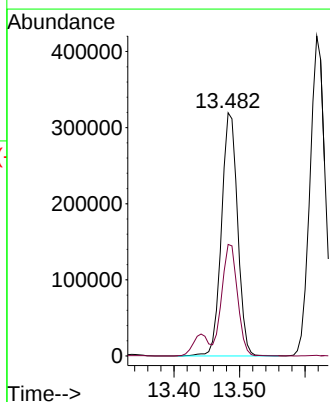
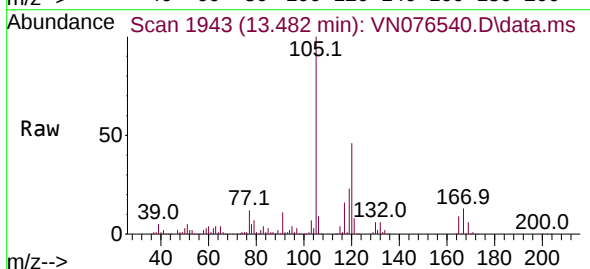
Manual Integrations
APPROVED

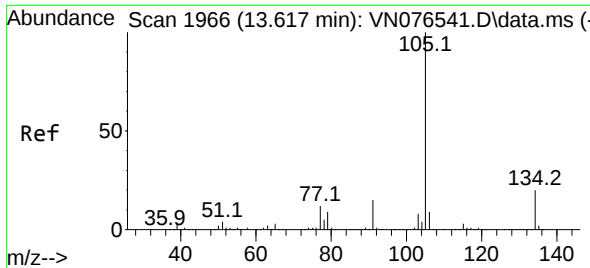
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.057 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Tgt Ion:105 Resp: 541998
Ion Ratio Lower Upper
105 100
120 44.5 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 21.703 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076540.D
 Acq: 06 Feb 2023 13:34

Instrument :

MSVOA_N

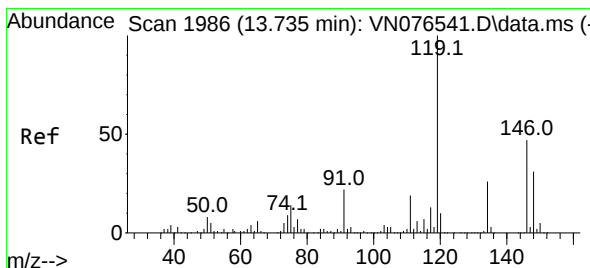
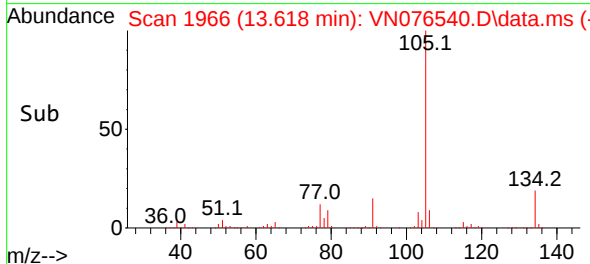
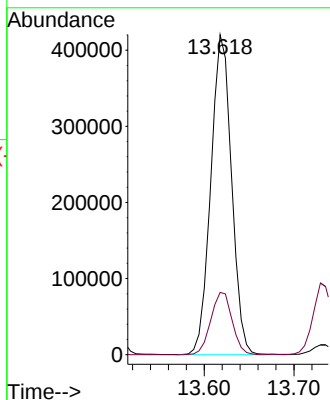
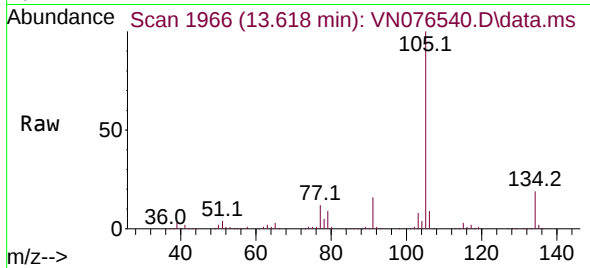
ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 674990
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0

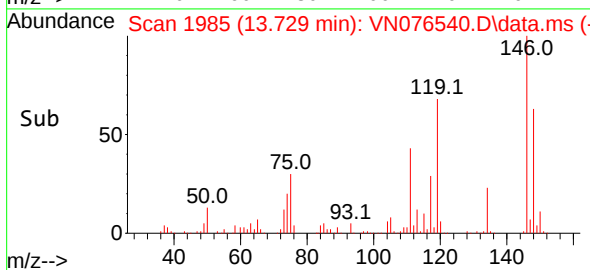
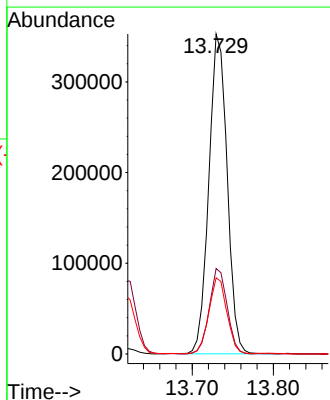
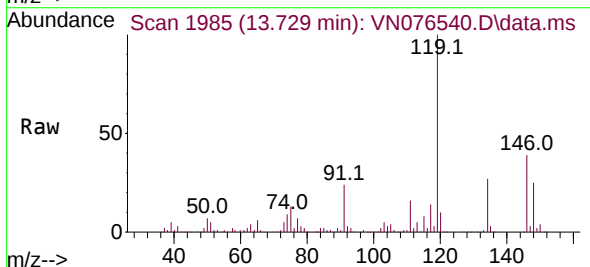
Manual Integrations
 APPROVED

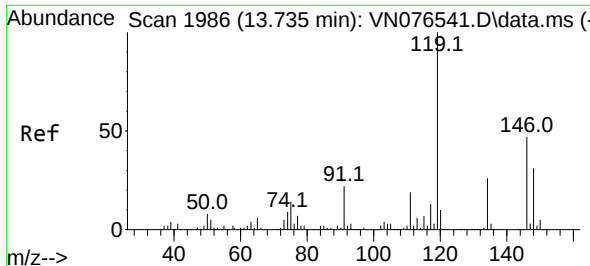
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023



#86
 p-Isopropyltoluene
 Concen: 21.770 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN076540.D
 Acq: 06 Feb 2023 13:34

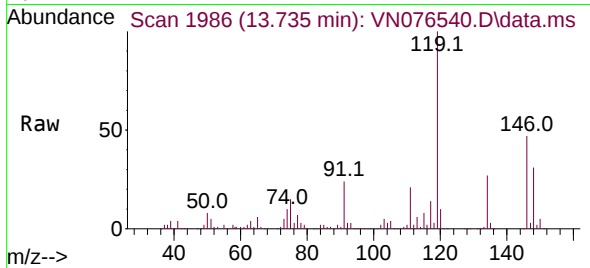
Tgt Ion:119 Resp: 551377
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 23.4 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 19.873 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

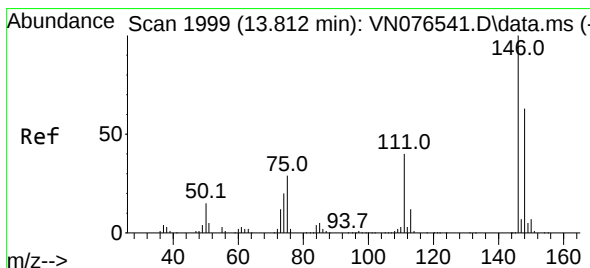
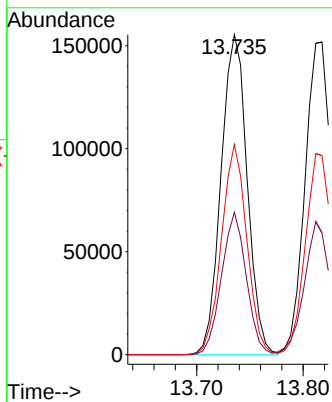
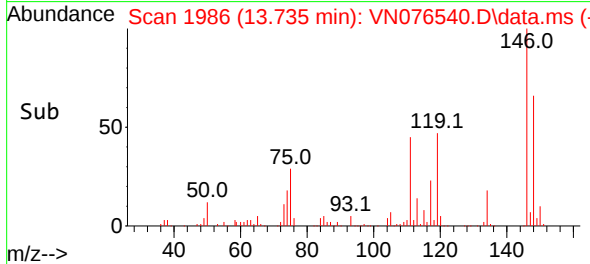
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



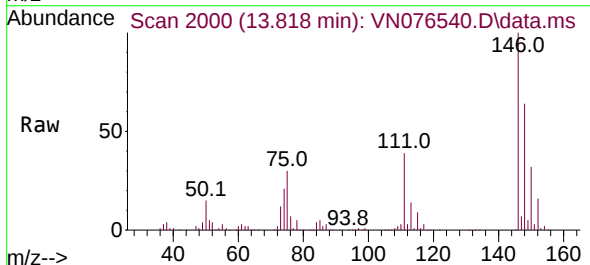
Tgt Ion:146 Resp: 265114
Ion Ratio Lower Upper
146 100
111 42.1 20.5 61.5
148 63.7 32.0 96.2

Manual Integrations
APPROVED

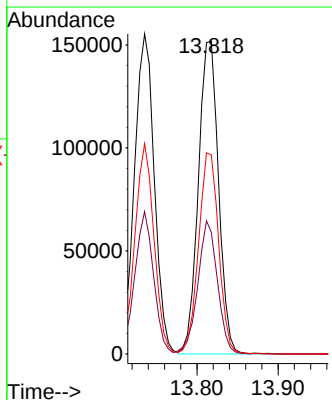
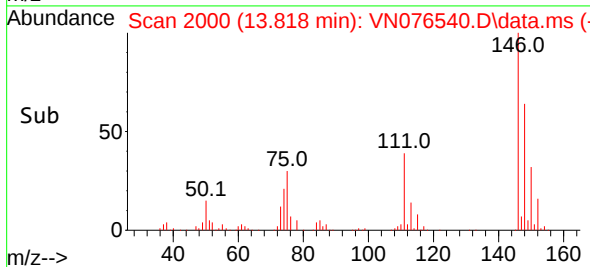
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

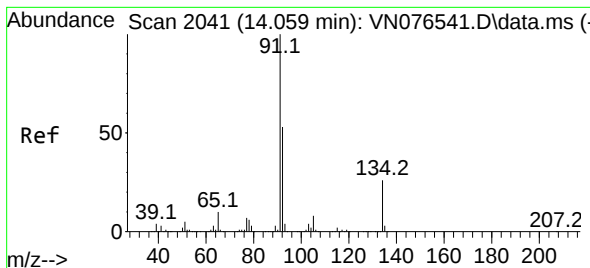


#88
1,4-Dichlorobenzene
Concen: 19.494 ug/l
RT: 13.818 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34



Tgt Ion:146 Resp: 262313
Ion Ratio Lower Upper
146 100
111 41.5 20.1 60.2
148 63.9 31.6 95.0





#89

n-Butylbenzene

Concen: 20.716 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 41622

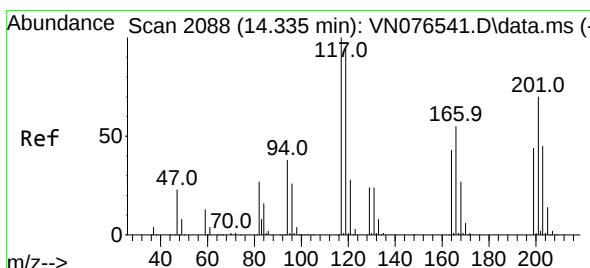
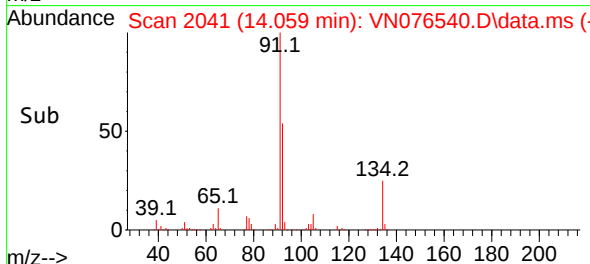
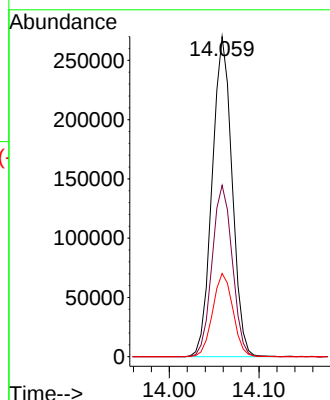
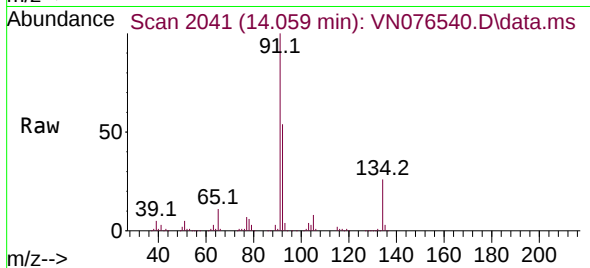
Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.9	80.7
134	26.5	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#90

Hexachloroethane

Concen: 20.565 ug/l

RT: 14.335 min Scan# 2088

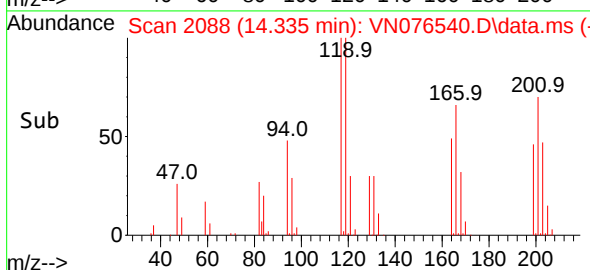
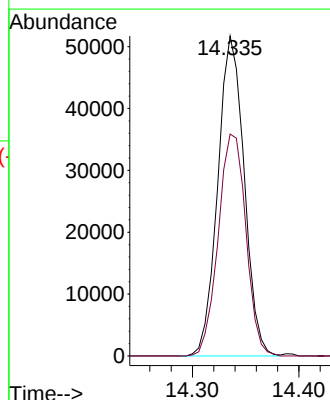
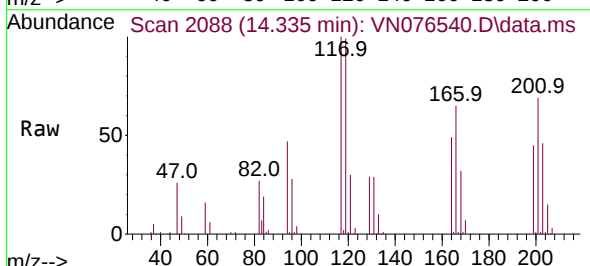
Delta R.T. 0.000 min

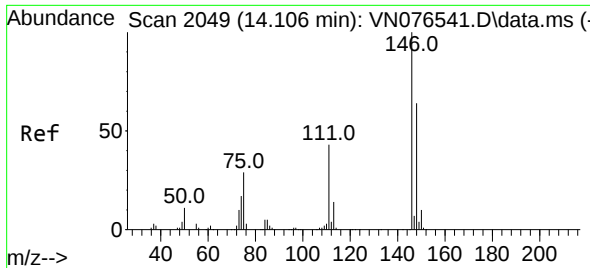
Lab File: VN076540.D

Acq: 06 Feb 2023 13:34

Tgt Ion:117 Resp: 88932

Ion	Ratio	Lower	Upper
117	100		
201	72.7	36.5	109.7





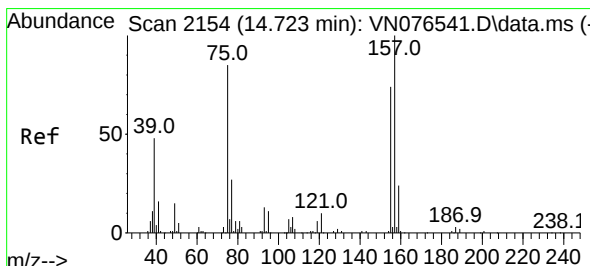
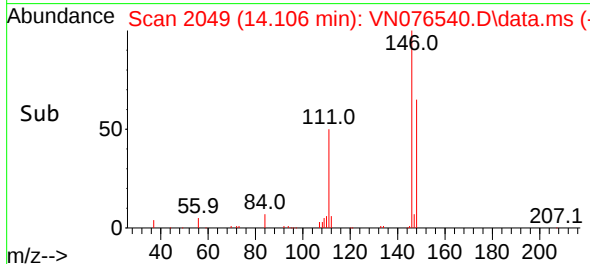
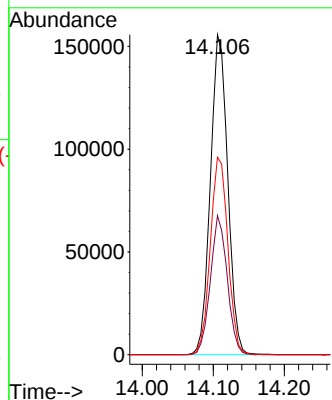
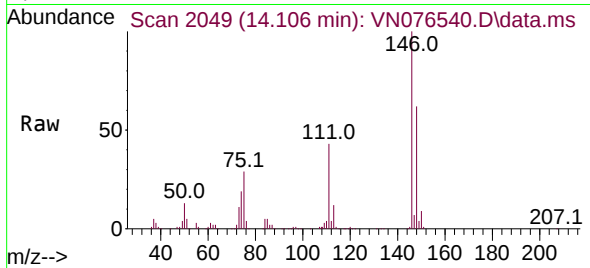
#91
1,2-Dichlorobenzene
Concen: 20.214 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 264609
Ion Ratio Lower Upper
146 100
111 42.2 21.3 63.9
148 62.5 32.3 96.9

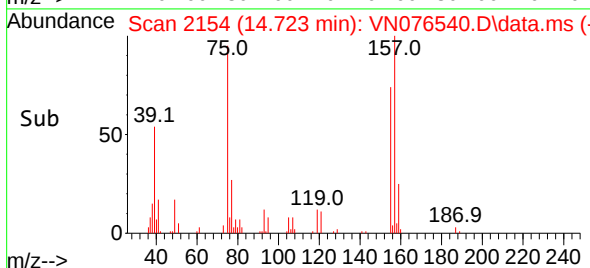
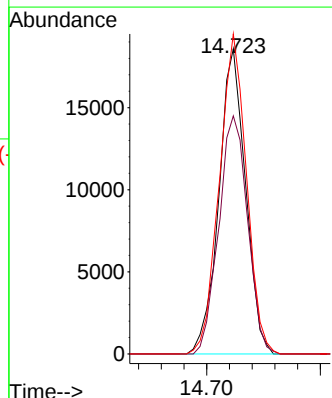
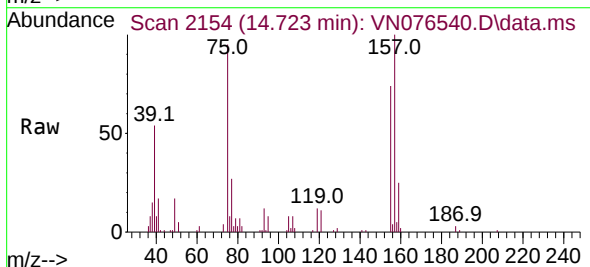
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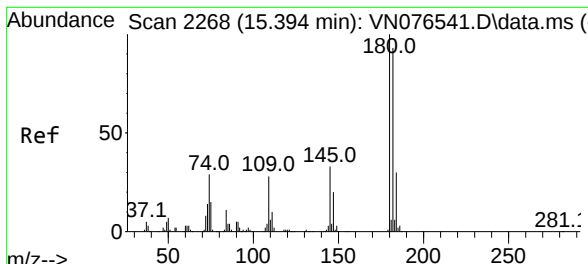
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.820 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

Tgt Ion: 75 Resp: 30307
Ion Ratio Lower Upper
75 100
155 83.9 45.0 135.0
157 106.5 57.6 173.0





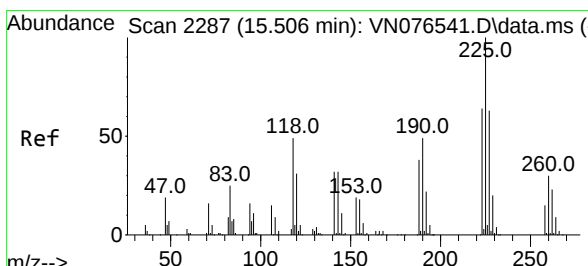
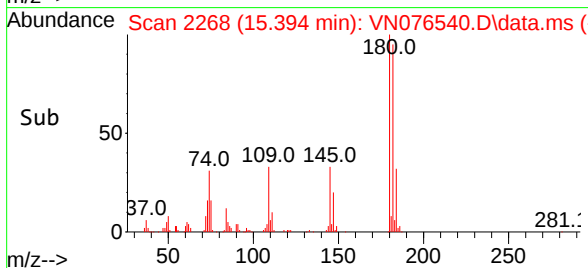
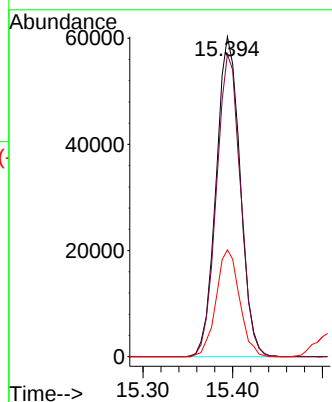
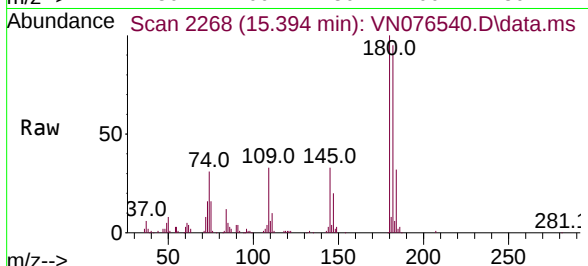
#93
 1,2,4-Trichlorobenzene
 Concen: 19.380 ug/l
 RT: 15.394 min Scan# 21180
 Delta R.T. 0.000 min
 Lab File: VN076540.D
 Acq: 06 Feb 2023 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 11180
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.2 141.6
 145 32.7 16.1 48.2

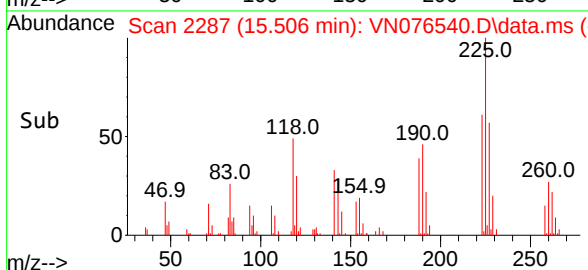
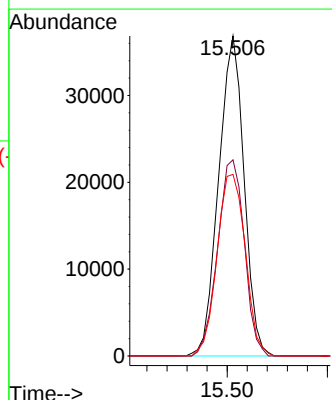
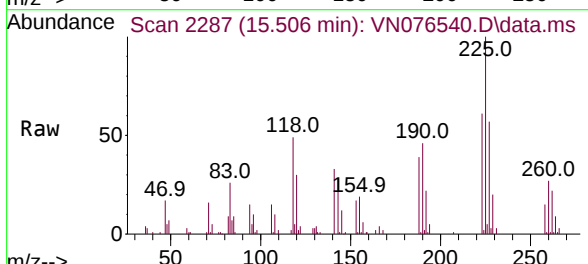
Manual Integrations
 APPROVED

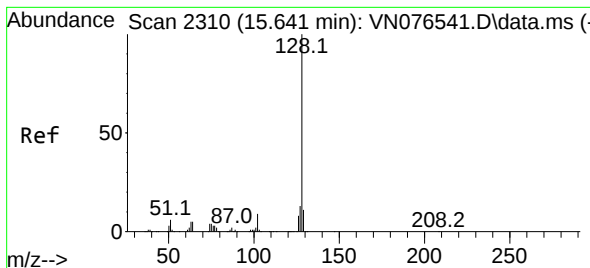
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023



#94
 Hexachlorobutadiene
 Concen: 19.552 ug/l
 RT: 15.506 min Scan# 2287
 Delta R.T. 0.000 min
 Lab File: VN076540.D
 Acq: 06 Feb 2023 13:34

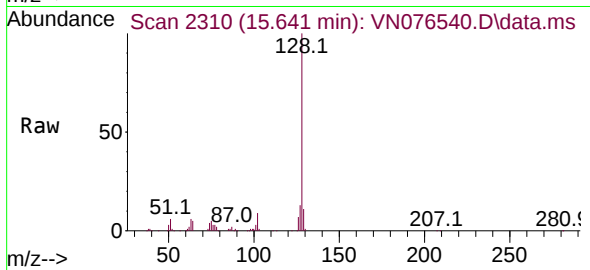
Tgt Ion:225 Resp: 64763
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.3 93.9
 227 63.1 31.6 95.0





#95
Naphthalene
Concen: 19.561 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34

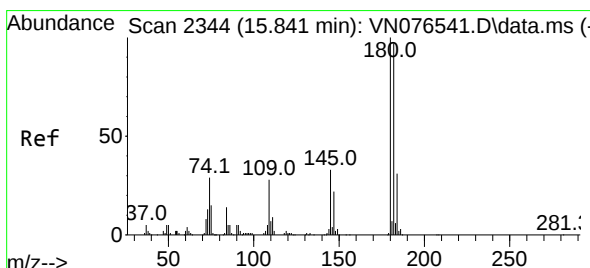
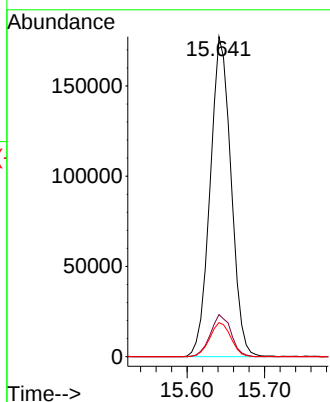
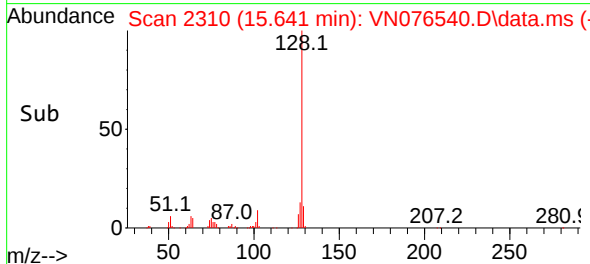
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



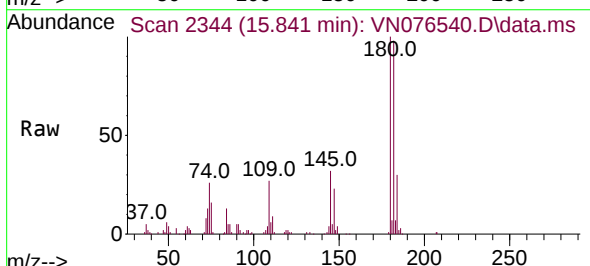
Tgt Ion:128 Resp: 332397
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.802 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN076540.D
Acq: 06 Feb 2023 13:34



Tgt Ion:180 Resp: 109823
Ion Ratio Lower Upper
180 100
182 96.7 47.6 142.8
145 34.3 16.8 50.3

